

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032018\
 Data File : BN000507.D
 Acq On : 20 Mar 2018 23:36
 Operator : JU/SJ
 Sample : J1905-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 21 00:21:32 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	300501	20.00	ng/ul	0.00
18) Naphthalene-d8	11.27	136	1041398	20.00	ng/ul	0.02
35) Acenaphthene-d10	15.05	164	536168	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.74	188	25913	20.00	ng/ul	-0.02
75) Chrysene-d12	21.89	240	762163	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	788889	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	52470	6.24	ng/uL	0.00
5) Phenol-d5	7.58	99	16338	0.58	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.73	67	627696	38.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.97	132	718632	33.90	ng/ul	0.03
13) 4-Methylphenol-d8	9.18	113	532321	24.38	ng/ul	0.06
19) Nitrobenzene-d5	9.61	128	406103	48.01	ng/ul	0.02
22) 2-Nitrophenol-d4	10.34	143	370228	42.25	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.91	165	637406	40.58	ng/ul	0.04
29) 4-Chloroaniline-d4	11.42	131	5101	0.32	ng/ul	0.04
43) Dimethylphthalate-d6	14.45	166	1513223	35.72	ng/ul	0.02
46) Acenaphthylene-d8	14.75	160	1940009	34.72	ng/ul	0.01
51) 4-Nitrophenol-d4	15.24	143	35373	4.50	ng/ul	0.04
57) Fluorene-d10	16.05	176	1299317	36.00	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	16.12	200	2976	20.05	ng/ul	-0.01
70) Anthracene-d10	17.83	188	10012	8.04	ng/ul	-0.03
76) Pyrene-d10	20.14	212	1533481	36.45	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.21	264	1396480	37.51	ng/ul	0.00

Target Compounds

				Ovalue	
4) Benzaldehyde	7.54	77	177380	15.519	ng/ul# 1
6) Phenol	7.67	94	94158	3.292	ng/ul 96
11) 2-Methylphenol	8.73	108	58865	2.806	ng/ul 88
12) 2,2'-oxybis(1-Chloropropan	8.97	45	104404	4.268	ng/ul# 1
14) Acetophenone	9.38	105	211449	6.514	ng/ul 89
15) N-Nitroso-di-n-propylamine	9.18	70	155134	9.137	ng/ul# 45
17) Hexachloroethane	9.54	117	239594	26.532	ng/ul# 1
20) Nitrobenzene	9.63	77	46713	2.237	ng/ul# 29
21) Isophorone	10.19	82	3117622	78.330	ng/ul# 95
23) 2-Nitrophenol	10.36	139	12581	1.335	ng/ul# 1
24) 2,4-Dimethylphenol	10.48	107	124361	6.126	ng/ul# 63
25) Bis(2-Chloroethoxy)methane	10.69	93	110623	4.401	ng/ul# 1
27) 2,4-Dichlorophenol	10.94	162	99142	6.504	ng/ul# 68
28) Naphthalene	11.32	128	1226623	22.429	ng/ul# 97
30) 4-Chloroaniline	11.44	127	18057	1.103	ng/ul# 1
32) Caprolactam	12.20	113	19569	3.512	ng/ul# 1
33) 4-Chloro-3-methylphenol	12.52	107	60387	3.370	ng/ul# 37
34) 2-Methylnaphthalene	12.90	142	1453261	39.802	ng/ul 100
38) 2,4,6-Trichlorophenol	13.51	196	238186	21.799	ng/ul 98
39) 2,4,5-Trichlorophenol	13.60	196	261058	22.914	ng/ul 98
40) 1,1'-Biphenyl	13.88	154	129405	2.835	ng/ul# 60
42) 2-Nitroaniline	14.10	65	72182	6.771	ng/ul# 1
44) Dimethylphthalate	14.45	163	159139	3.798	ng/ul# 41

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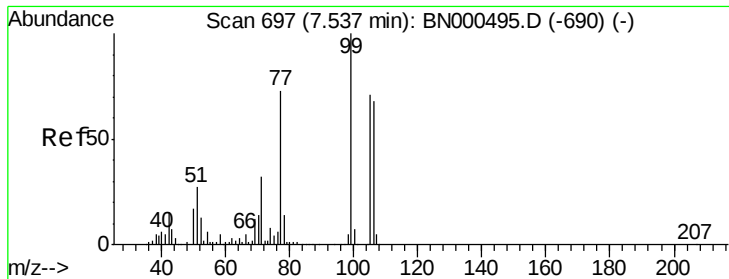
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 Response via : Initial Calibration

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

45) 2,6-Dinitrotoluene	14.58	165	45895	5.436	ng/ul#	1
48) 3-Nitroaniline	14.95	138	104331	12.798	ng/ul#	33
49) Acenaphthene	15.11	153	139224	3.730	ng/ul	92
50) 2,4-Dinitrophenol	15.17	184	66158	16.609	ng/ul#	1
52) 4-Nitrophenol	15.22	109	25460	4.189	ng/ul#	28
53) Dibenzofuran	15.44	168	74386	1.467	ng/ul#	6
55) 2,3,4,6-Tetrachlorophenol	15.61	232	1740241	200.031	ng/ul#	84
58) Fluorene	16.10	166	169329	4.203	ng/ul#	85
60) 4-Nitroaniline	16.12	138	70580	7.707	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.13	198	40111	256.014	ng/ul#	1
64) N-Nitrosodiphenylamine	16.25	169	117692	137.866	ng/ul#	75
65) 4-Bromophenyl-phenylether	16.92	248	318	1.204	ng/ul#	1
66) Hexachlorobenzene	17.08	284	3214	11.524	ng/ul#	1
67) Atrazine	17.22	200	807	3.134	ng/ul#	1
68) Pentachlorophenol	17.49	266	10857363	73741.215	ng/ul	96
69) Phenanthrene	17.79	178	18278	12.244	ng/ul#	1
71) Anthracene	17.85	178	10374	6.777	ng/ul#	1
72) Carbazole	18.13	167	6018	4.585	ng/ul#	1
73) Di-n-butylphthalate	18.67	149	6147	3.444	ng/ul#	1
74) Fluoranthene	19.75	202	2760	1.861	ng/ul#	1
77) Pyrene	20.16	202	485791	8.727	ng/ul#	71
80) Benzo(a)anthracene	21.87	228	73434	1.446	ng/ul#	93
81) Bis(2-ethylhexyl)phthalate	21.75	149	65099	1.622	ng/ul#	90
82) Chrysene	21.92	228	67359	1.415	ng/ul#	88

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



#4

Benzaldehyde

Concen: 15.519 ng/ul

RT: 7.54 min Scan# 698

Delta R.T. 0.01 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

ClientSampleId :

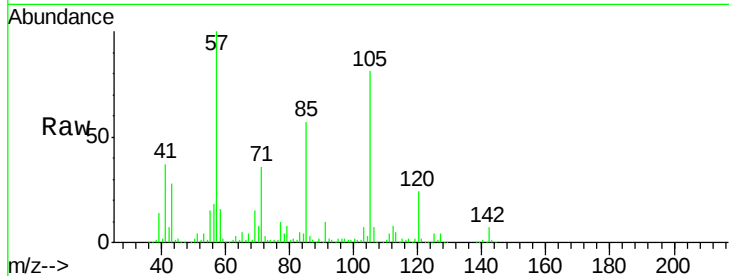
Tot Ion: 77 Resp: 177380

Ion Ratio Lower Upper

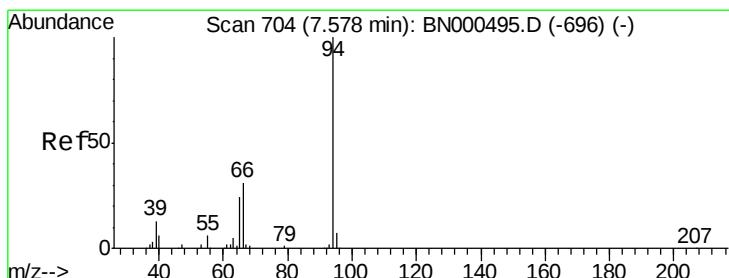
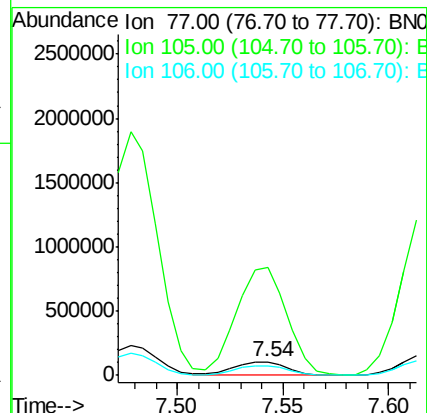
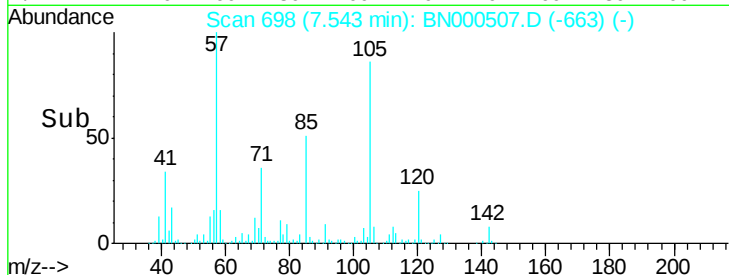
77 100

105 783.9 71.0 106.6#

106 71.3 69.5 104.3



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



#6

Phenol

Concen: 3.292 ng/ul

RT: 7.67 min Scan# 719

Delta R.T. 0.09 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

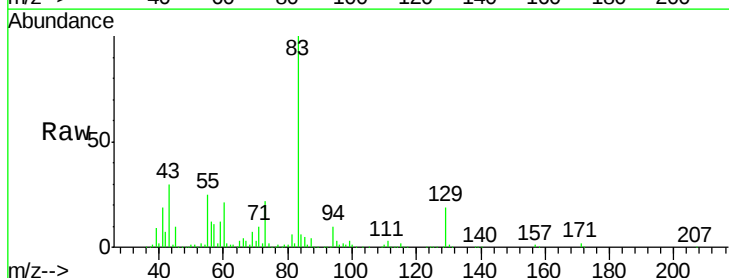
Tgt Ion: 94 Resp: 94158

Ion Ratio Lower Upper

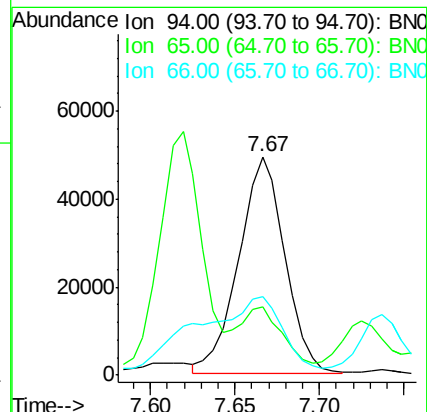
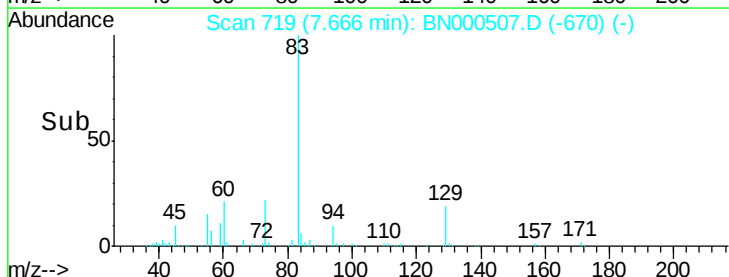
94 100

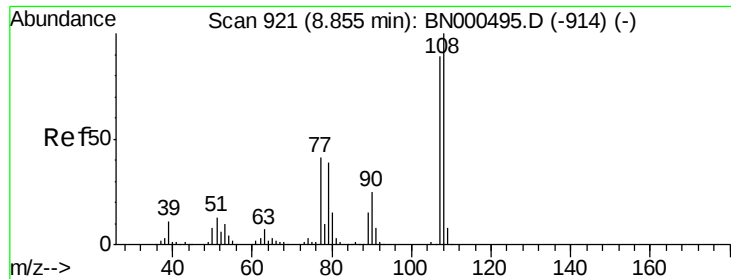
65 31.3 23.0 34.6

66 36.1 30.4 45.6



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

2-Methylphenol

Concen: 2.806 ng/ul

RT: 8.73 min Scan# 899

Delta R.T. -0.13 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

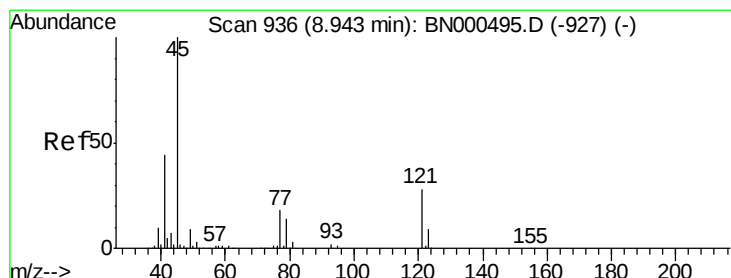
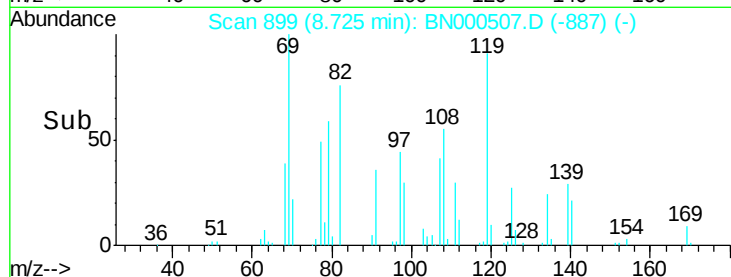
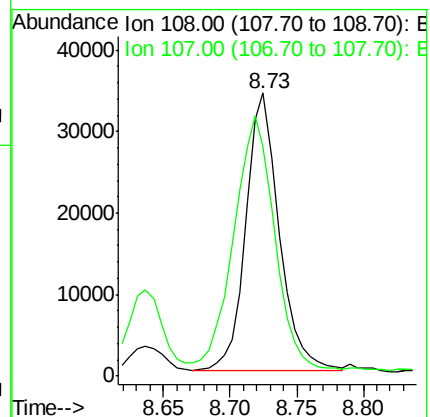
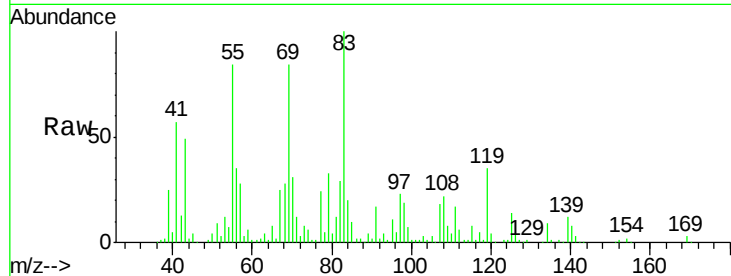
ClientSampled :

Tot Ion:108 Resp: 58865

Ion Ratio Lower Upper

108 100

107 80.9 74.1 111.1



#12

2,2'-oxybis(1-Chloropropane)

Concen: 4.268 ng/ul

RT: 8.97 min Scan# 940

Delta R.T. 0.02 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

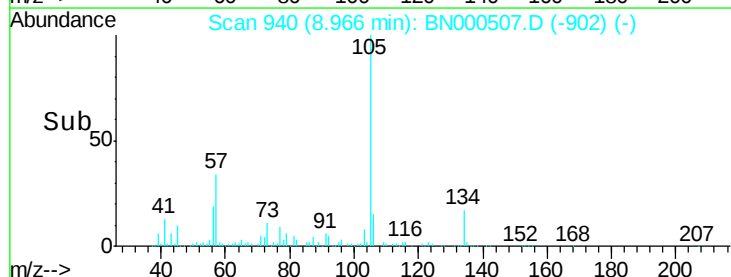
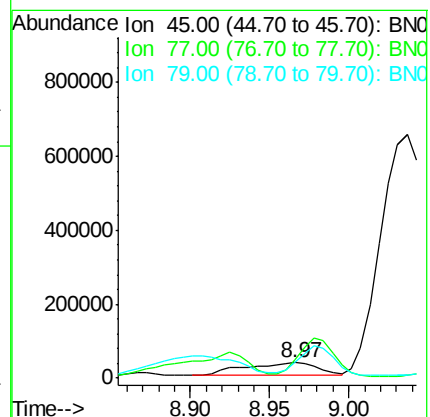
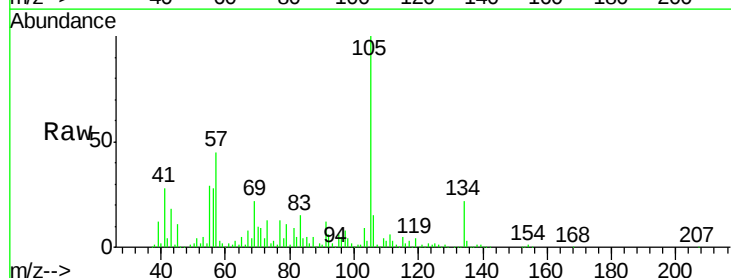
Tgt Ion: 45 Resp: 104404

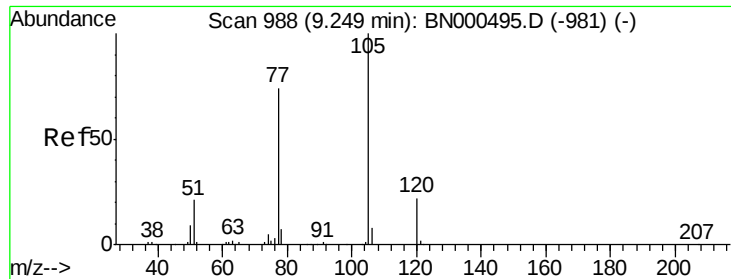
Ion Ratio Lower Upper

45 100

77 117.9 12.5 18.7#

79 99.5 9.4 14.2#

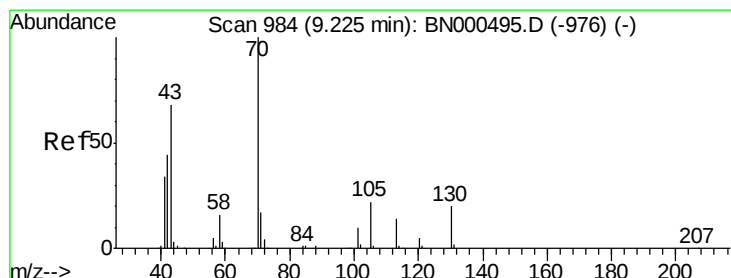
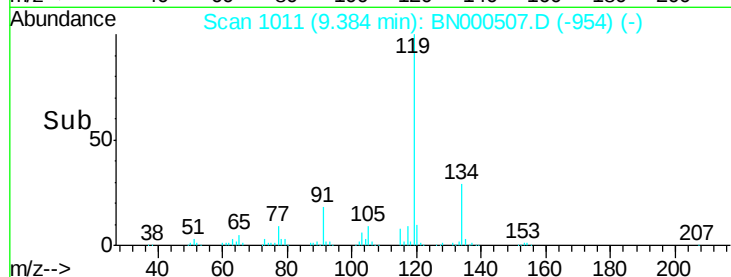
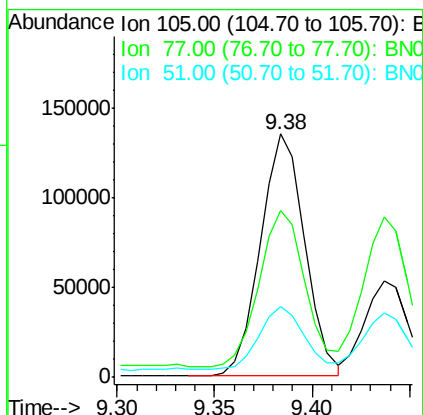
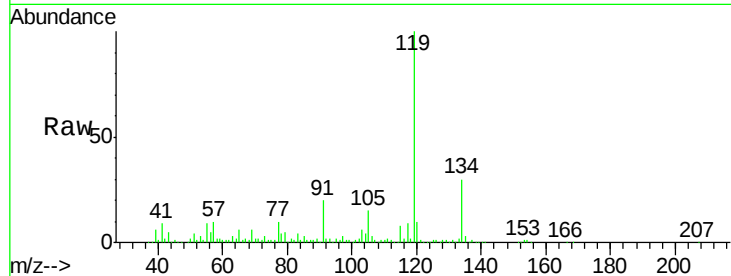




#14
Acetophenone
Concen: 6.514 ng/ul
RT: 9.38 min Scan# 1011
Delta R.T. 0.14 min
Lab File: BN000507.D
Acq: 20 Mar 2018 23:36

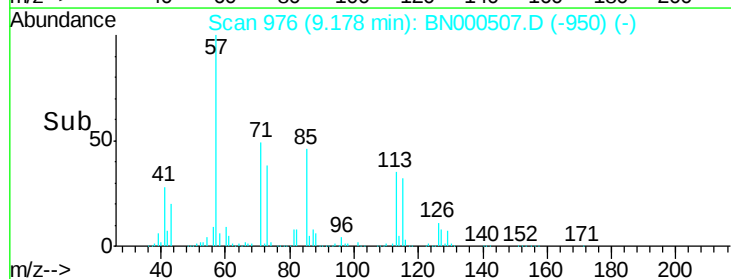
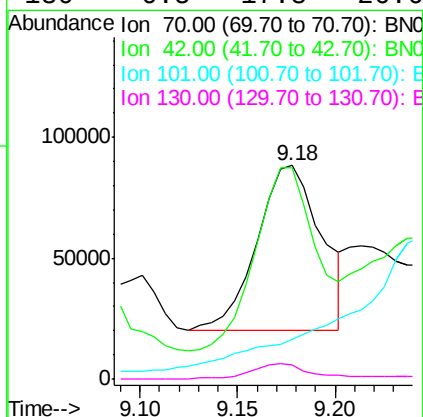
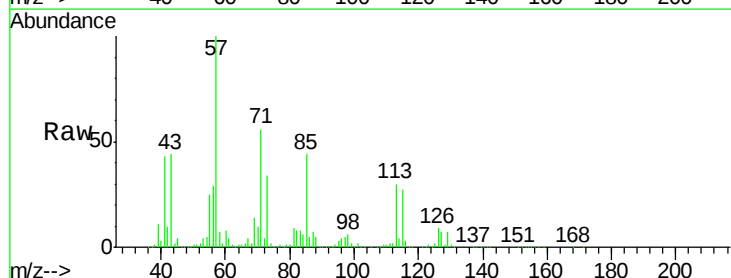
Instrument :
BNA_N
ClientSampleId :

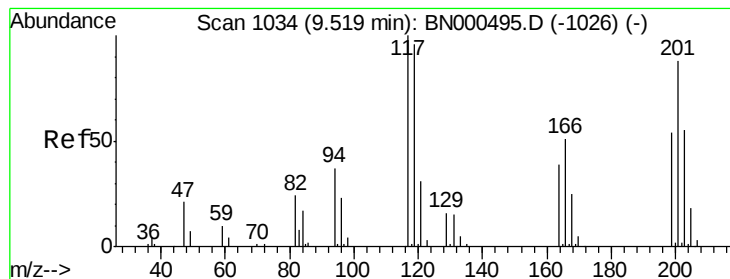
Tot Ion:105 Resp: 211449
Ion Ratio Lower Upper
105 100
77 68.6 63.2 94.8
51 28.9 19.8 29.8



#15
N-Nitroso-di-n-propylamine
Concen: 9.137 ng/ul
RT: 9.18 min Scan# 976
Delta R.T. -0.05 min
Lab File: BN000507.D
Acq: 20 Mar 2018 23:36

Tgt Ion: 70 Resp: 155134
Ion Ratio Lower Upper
70 100
42 98.8 40.2 60.4#
101 18.9 7.7 11.5#
130 6.5 17.8 26.6#





#17

Hexachloroethane

Concen: 26.532 ng/ul

RT: 9.54 min Scan# 1038

Delta R.T. 0.02 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

ClientSampleId :

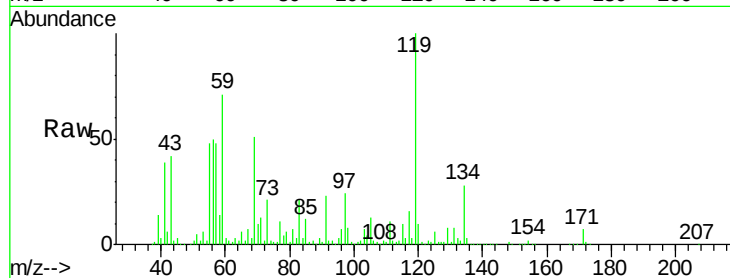
Tot Ion:117 Resp: 239594

Ion Ratio Lower Upper

117 100

201 0.0 96.1 144.1#

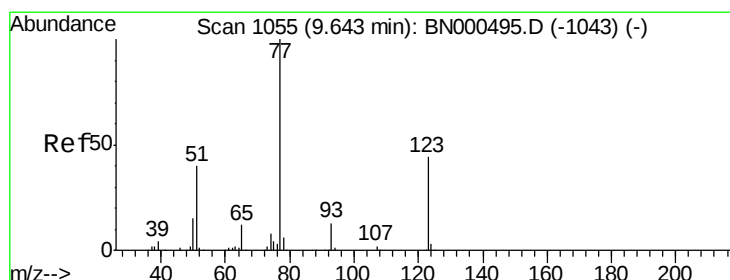
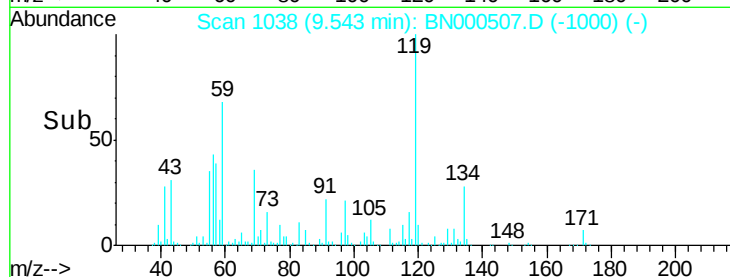
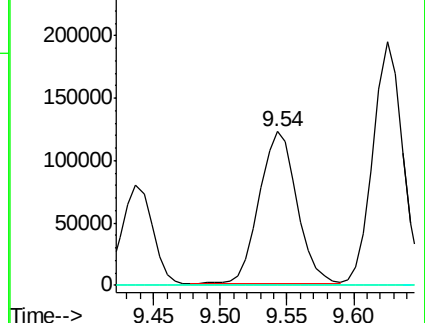
199 0.0 59.7 89.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 2.237 ng/ul

RT: 9.63 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

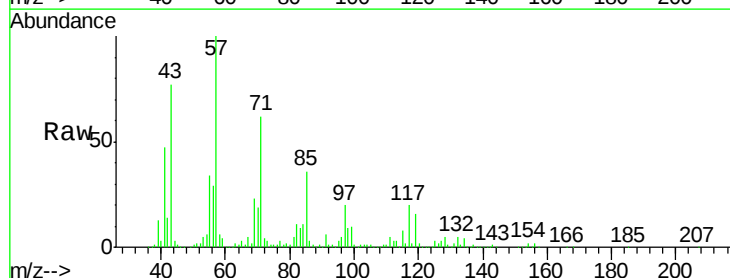
Tgt Ion: 77 Resp: 46713

Ion Ratio Lower Upper

77 100

123 14.3 31.8 47.8#

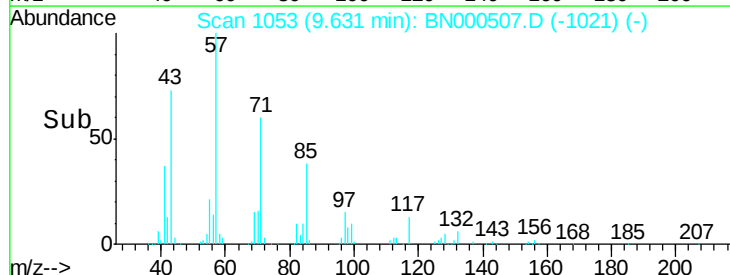
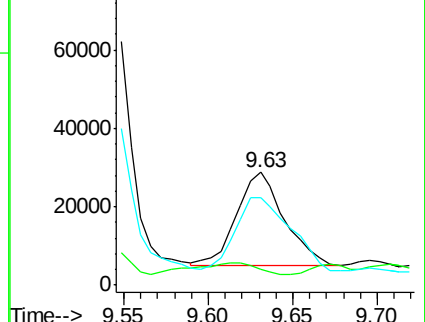
65 77.2 10.6 16.0#

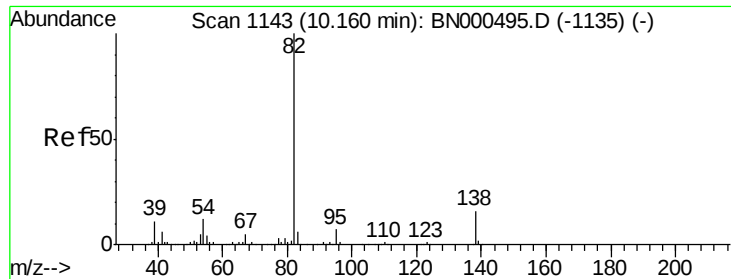


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 78.330 ng/ul

RT: 10.19 min Scan# 1148

Delta R.T. 0.03 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

ClientSampleId :

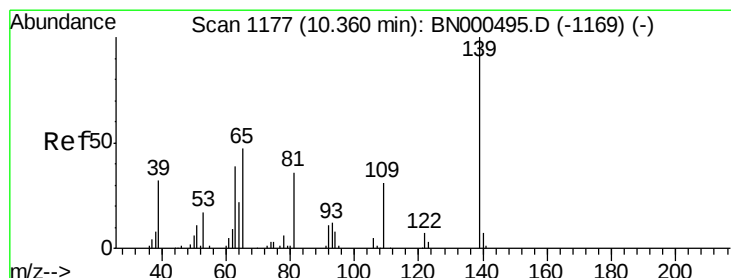
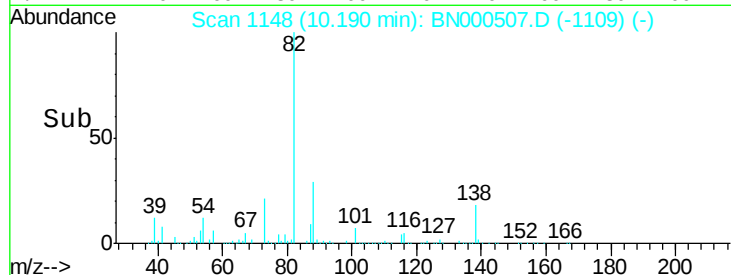
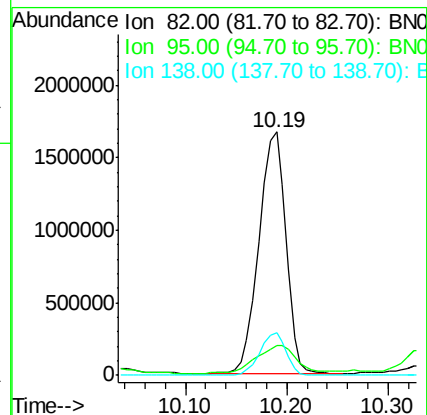
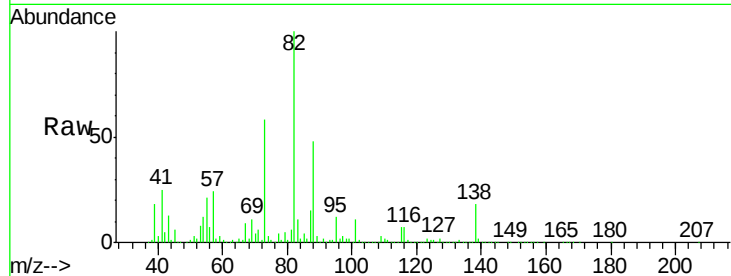
Tot Ion: 82 Resp: 3117622

Ion Ratio Lower Upper

82 100

95 12.0 6.1 9.1#

138 17.6 13.5 20.3



#23

2-Nitrophenol

Concen: 1.335 ng/ul

RT: 10.36 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

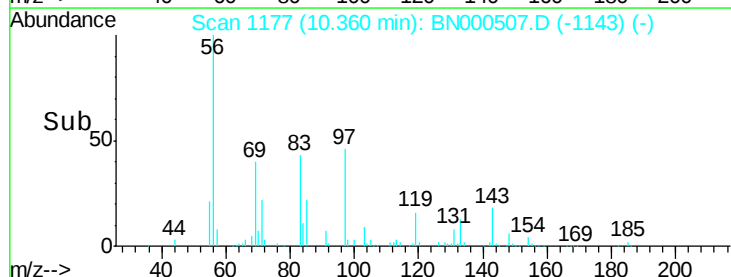
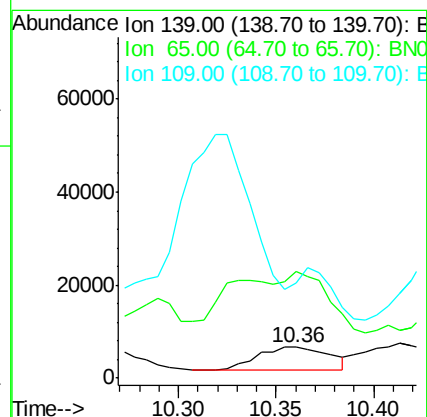
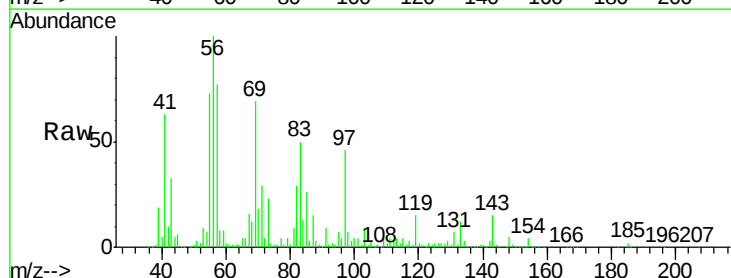
Tgt Ion: 139 Resp: 12581

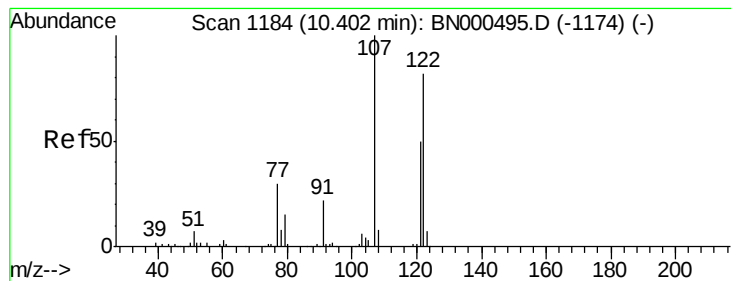
Ion Ratio Lower Upper

139 100

65 345.5 45.3 67.9#

109 309.4 27.7 41.5#





#24

2,4-Dimethylphenol

Concen: 6.126 ng/ul

RT: 10.48 min Scan# 1197

Delta R.T. 0.08 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

ClientSampleId :

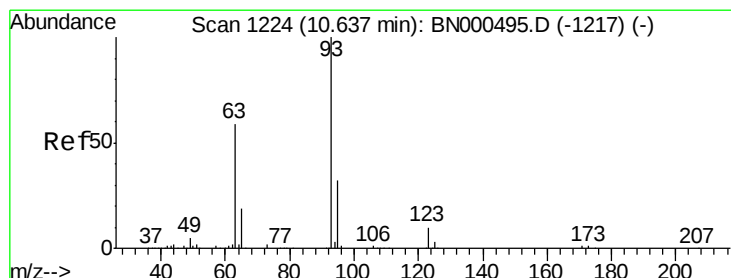
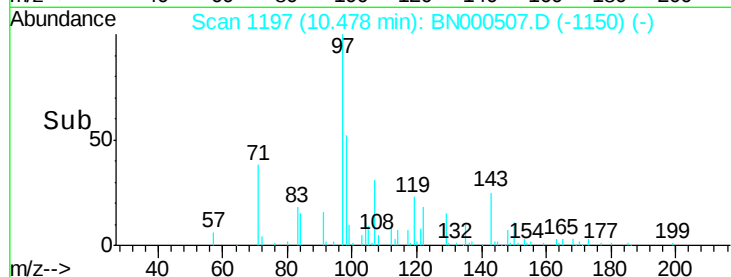
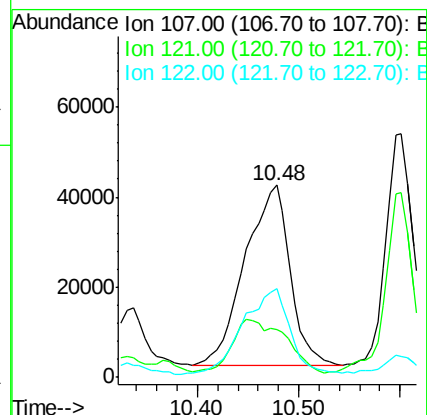
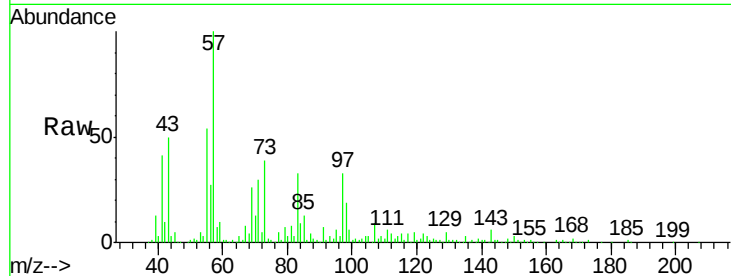
Tot Ion:107 Resp: 124361

Ion Ratio Lower Upper

107 100

121 24.5 38.1 57.1#

122 45.8 63.8 95.8#



#25

Bis(2-Chloroethoxy)methane

Concen: 4.401 ng/ul

RT: 10.69 min Scan# 1233

Delta R.T. 0.05 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

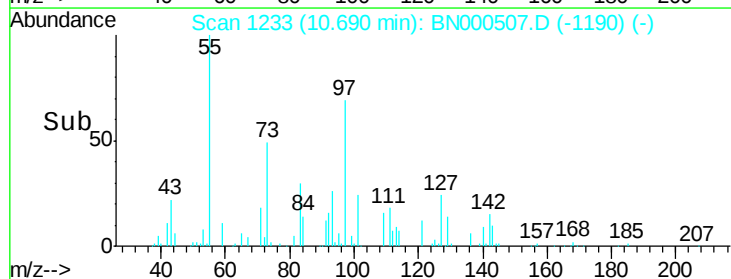
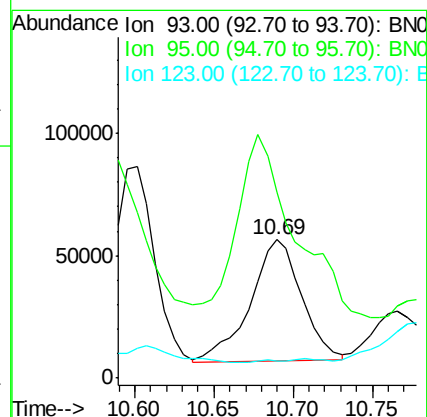
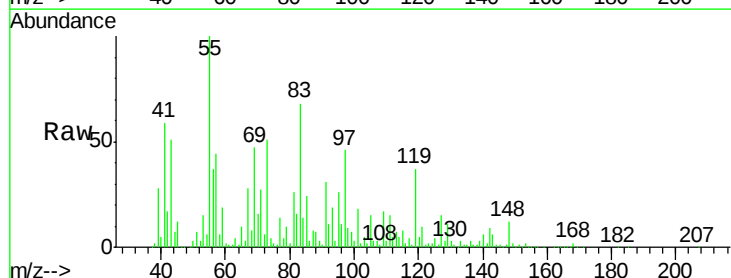
Tgt Ion: 93 Resp: 110623

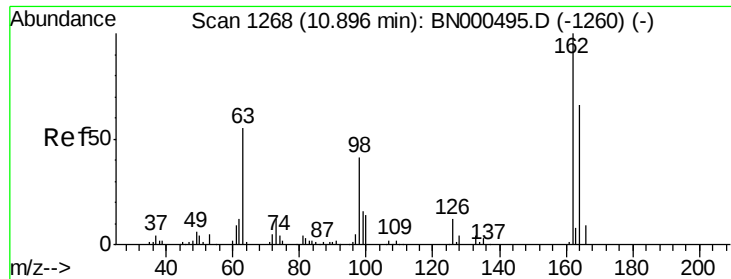
Ion Ratio Lower Upper

93 100

95 134.5 24.7 37.1#

123 12.2 8.2 12.2





#27

2,4-Dichlorophenol

Concen: 6.504 ng/ul

RT: 10.94 min Scan# 1276

Delta R.T. 0.05 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

ClientSampleId :

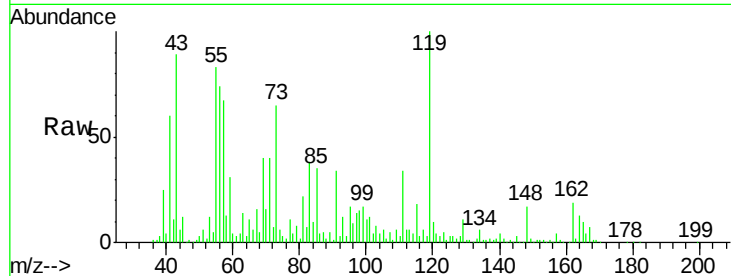
Tot Ion:162 Resp: 99142

Ion Ratio Lower Upper

162 100

164 70.4 52.0 78.0

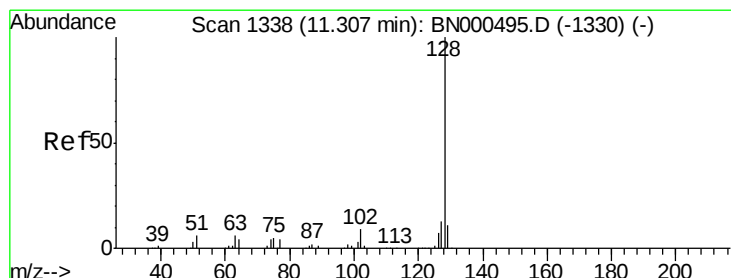
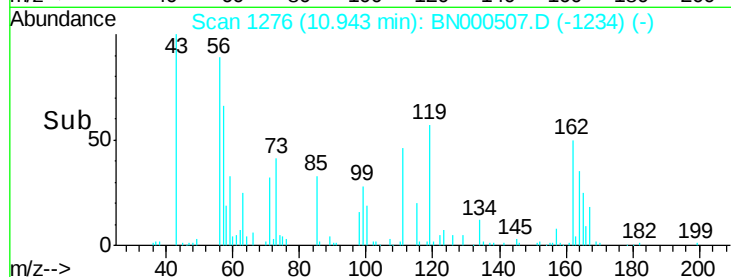
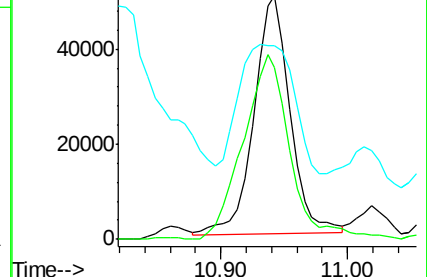
98 79.7 26.6 39.8#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#28

Naphthalene

Concen: 22.429 ng/ul

RT: 11.32 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

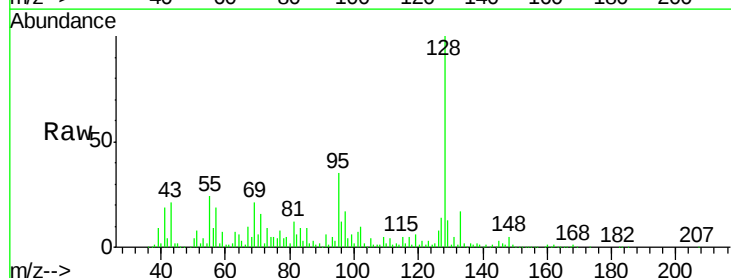
Tgt Ion:128 Resp: 1226623

Ion Ratio Lower Upper

128 100

129 12.5 8.3 12.5#

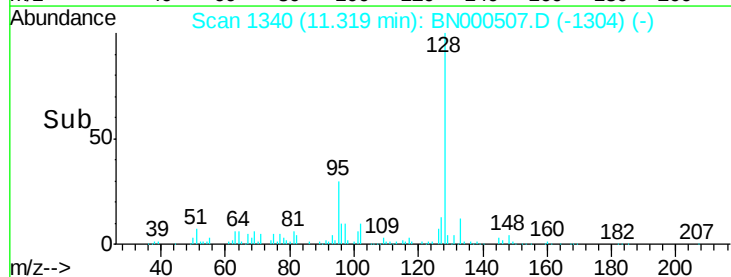
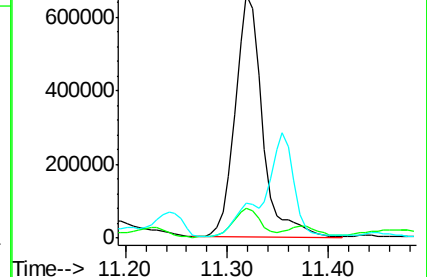
127 14.2 10.8 16.2

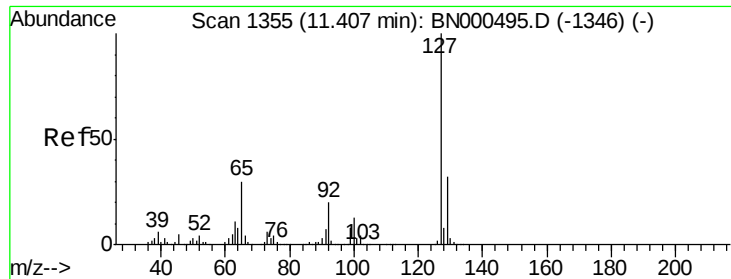


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

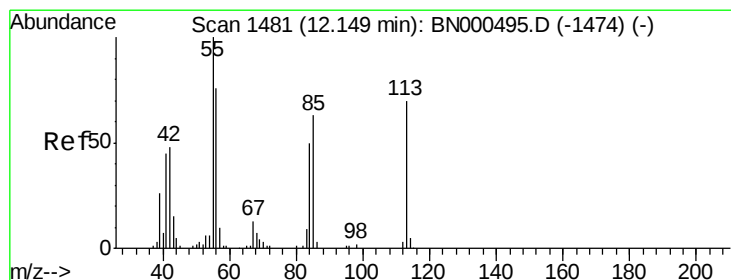
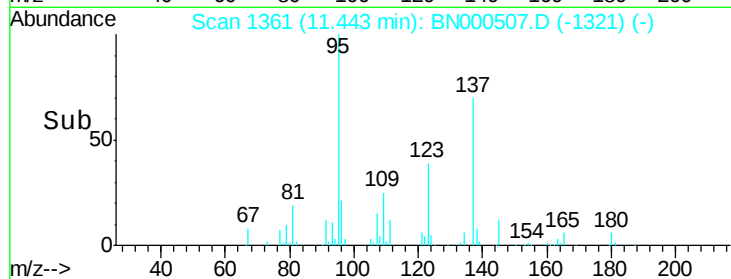
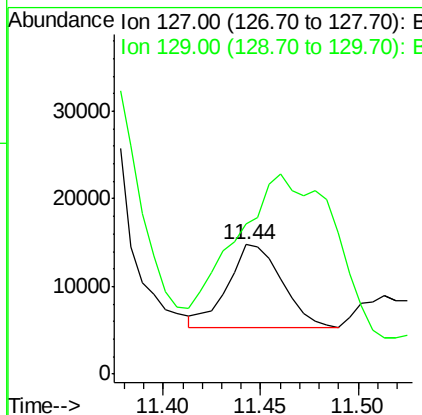
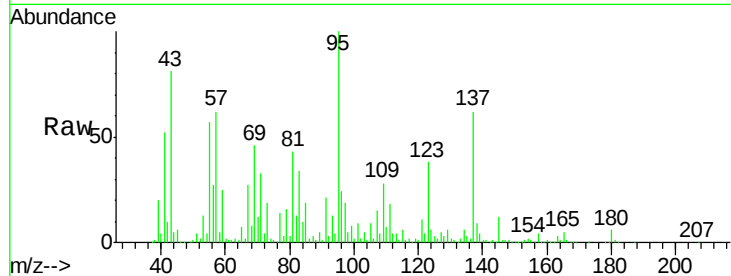




#30
4-Chloroaniline
Concen: 1.103 ng/ul
RT: 11.44 min Scan# 1361
Delta R.T. 0.04 min
Lab File: BN000507.D
Acq: 20 Mar 2018 23:36

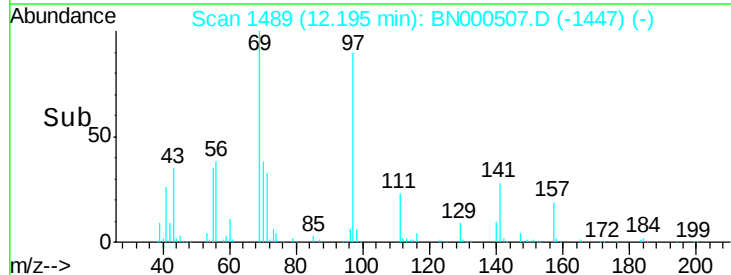
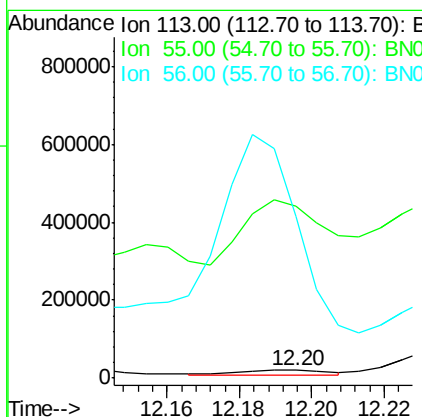
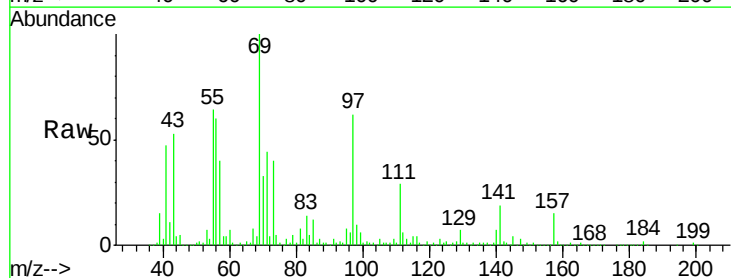
Instrument :
BNA_N
ClientSampled :

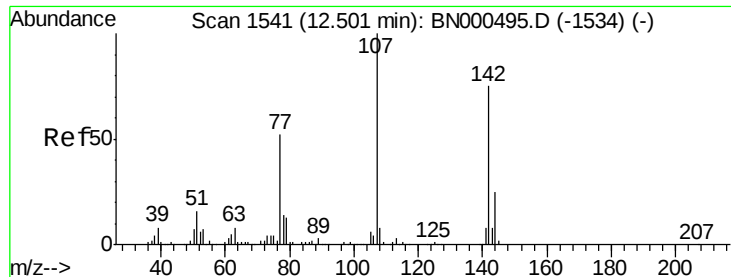
Tot Ion:127 Resp: 18057
Ion Ratio Lower Upper
127 100
129 115.7 24.6 37.0#



#32
Caprolactam
Concen: 3.512 ng/ul
RT: 12.20 min Scan# 1489
Delta R.T. 0.05 min
Lab File: BN000507.D
Acq: 20 Mar 2018 23:36

Tgt Ion:113 Resp: 19569
Ion Ratio Lower Upper
113 100
55 2156.7 131.7 197.5#
56 2020.6 92.7 139.1#

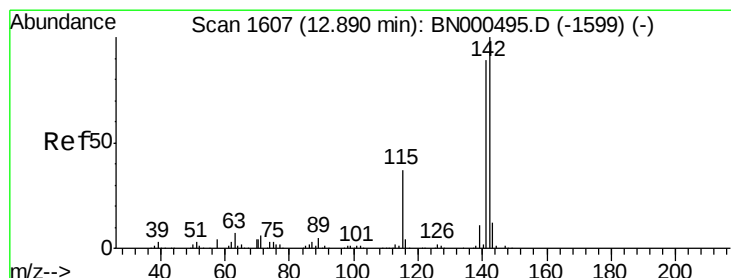
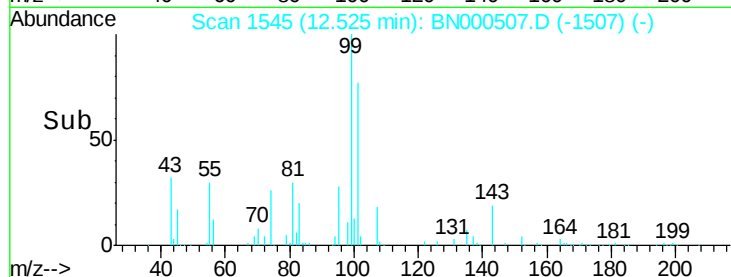
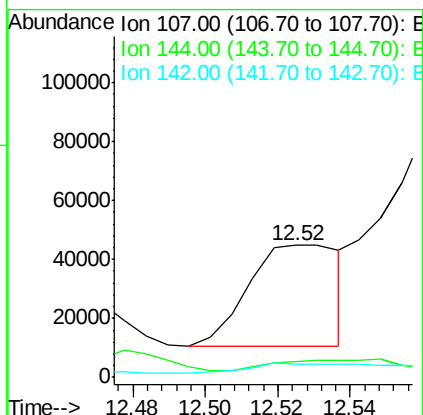
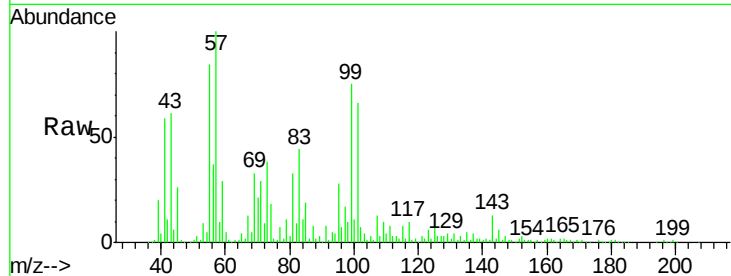




#33
 4-Chloro-3-methylphenol
 Concen: 3.370 ng/ul
 RT: 12.52 min Scan# 1545
 Delta R.T. 0.02 min
 Lab File: BN000507.D
 Acq: 20 Mar 2018 23:36

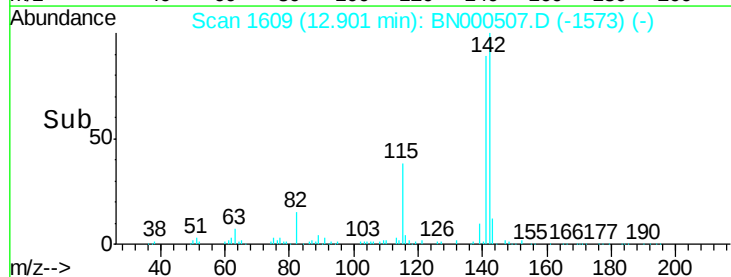
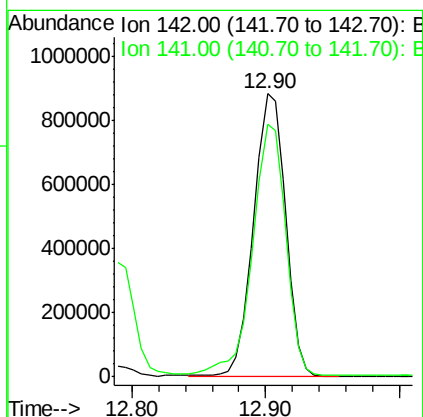
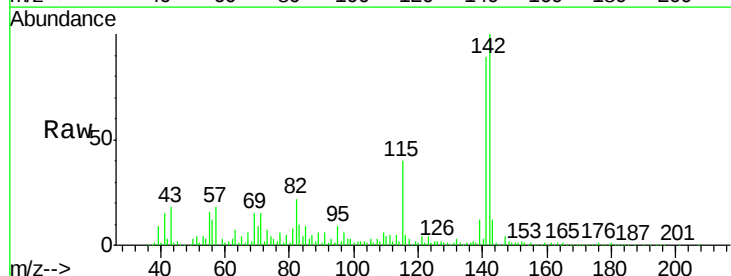
Instrument :
 BNA_N
 ClientSampleId :

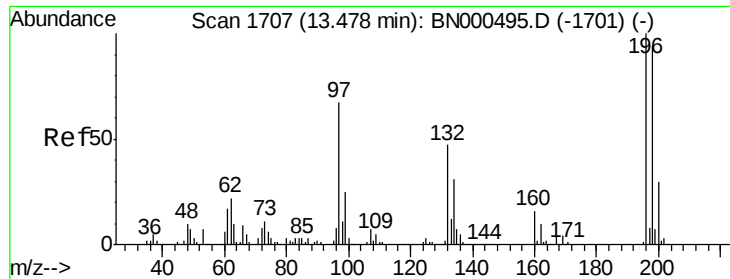
Tot Ion:107 Resp: 60387
 Ion Ratio Lower Upper
 107 100
 144 12.1 21.1 31.7#
 142 10.4 60.1 90.1#



#34
 2-Methylnaphthalene
 Concen: 39.802 ng/ul
 RT: 12.90 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BN000507.D
 Acq: 20 Mar 2018 23:36

Tgt Ion:142 Resp: 1453261
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.4 107.2

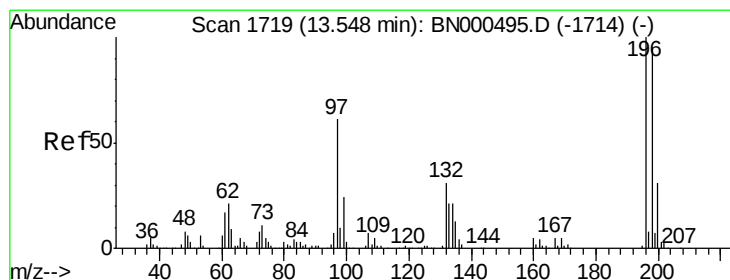
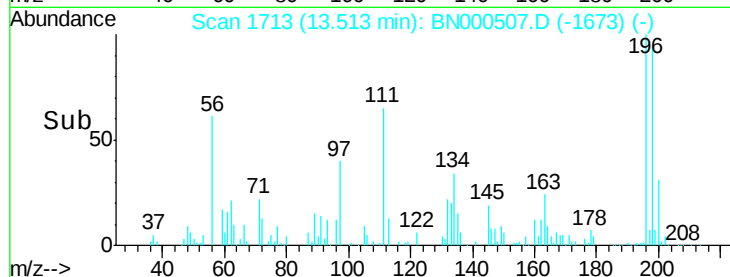
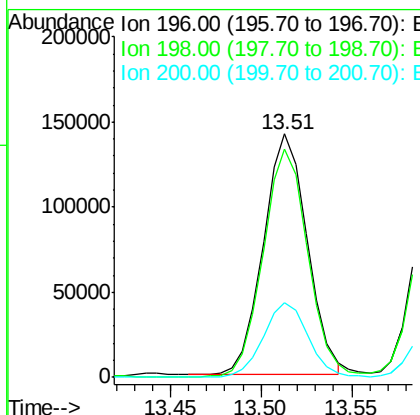
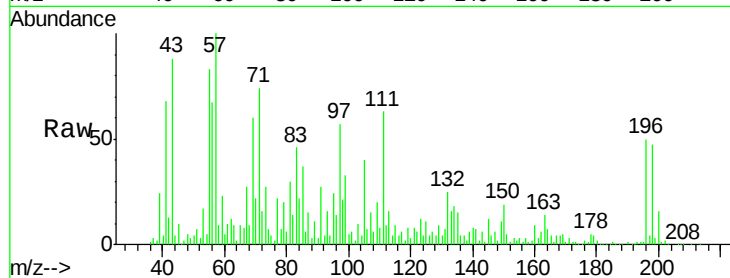




#38
 2,4,6-Trichlorophenol
 Concen: 21.799 ng/ul
 RT: 13.51 min Scan# 1713
 Delta R.T. 0.04 min
 Lab File: BN000507.D
 Acq: 20 Mar 2018 23:36

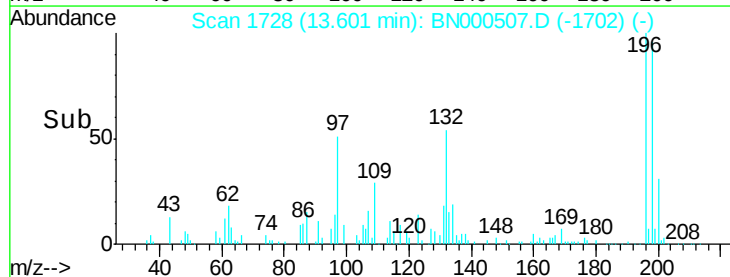
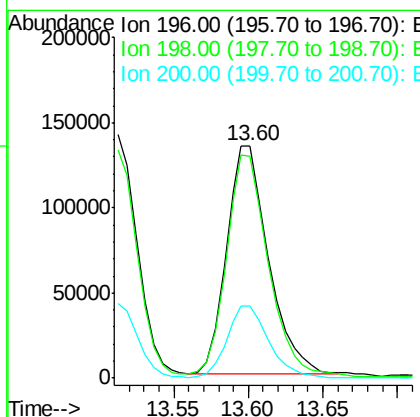
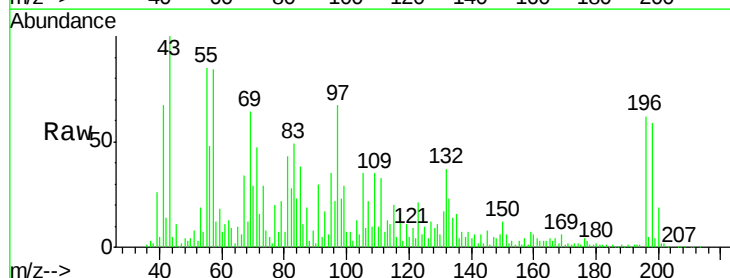
Instrument :
 BNA_N
 ClientSampled :

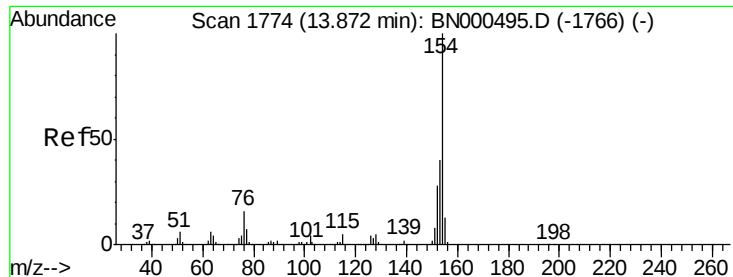
Tot Ion	196	Resp	238186
Ion Ratio	Lower	Upper	
196	100		
198	93.5	75.9	113.9
200	30.8	25.8	38.6



#39
 2,4,5-Trichlorophenol
 Concen: 22.914 ng/ul
 RT: 13.60 min Scan# 1728
 Delta R.T. 0.05 min
 Lab File: BN000507.D
 Acq: 20 Mar 2018 23:36

Tgt Ion	196	Resp	261058
Ion Ratio	Lower	Upper	
196	100		
198	95.3	74.7	112.1
200	30.8	25.4	38.0





#40

1,1'-Biphenyl

Concen: 2.835 ng/ul

RT: 13.88 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

ClientSampled :

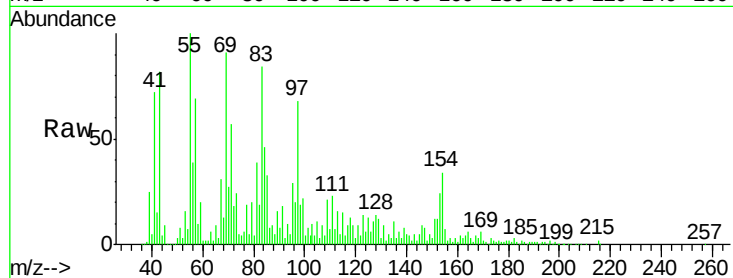
Tot Ion:154 Resp: 129405

Ion Ratio Lower Upper

154 100

153 70.7 34.0 51.0#

76 18.0 8.4 12.6#

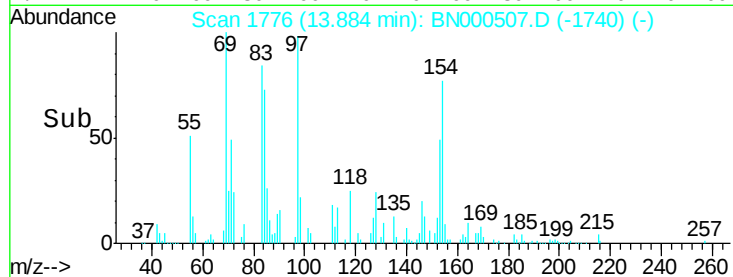


Abundance Ion 154.00 (153.70 to 154.70): E

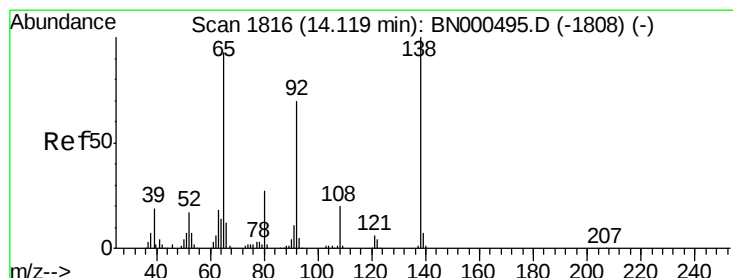
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC

Time-->



Time-->



#42

2-Nitroaniline

Concen: 6.771 ng/ul

RT: 14.10 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

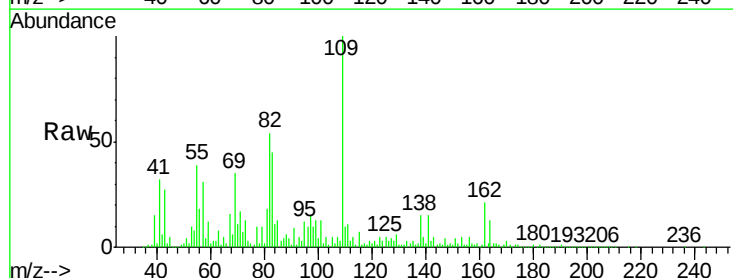
Tgt Ion: 65 Resp: 72182

Ion Ratio Lower Upper

65 100

92 30.3 57.0 85.4#

138 326.3 87.2 130.8#

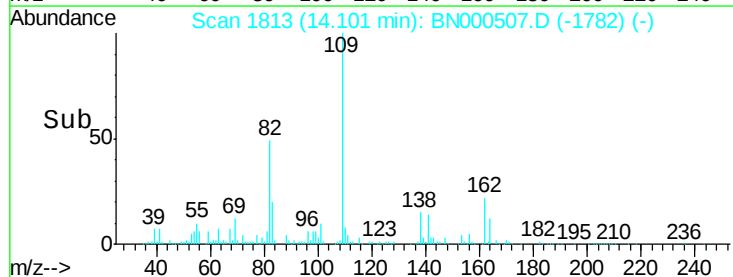


Abundance Ion 65.00 (64.70 to 65.70): BNC

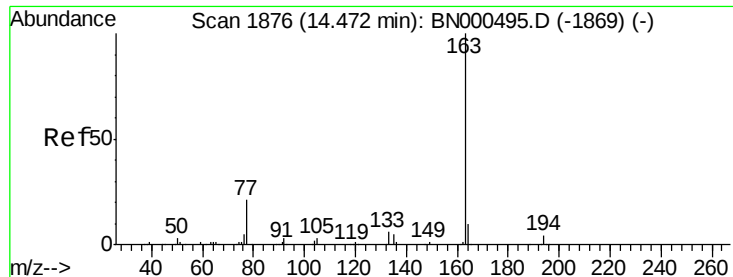
Ion 92.00 (91.70 to 92.70): BNC

Ion 138.00 (137.70 to 138.70): E

Time-->



Time-->



#44

Dimethylphthalate

Concen: 3.798 ng/ul

RT: 14.45 min Scan# 1872

Delta R.T. -0.02 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

ClientSampleId :

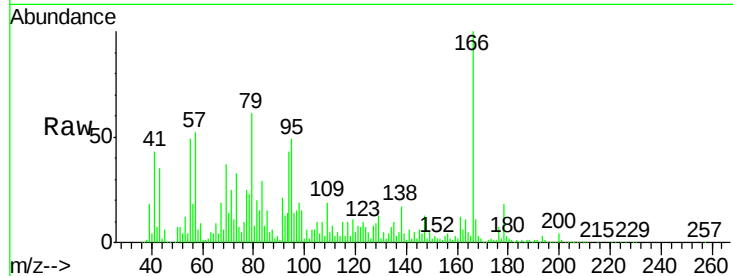
Tot Ion:163 Resp: 159139

Ion Ratio Lower Upper

163 100

194 7.6 4.0 6.0#

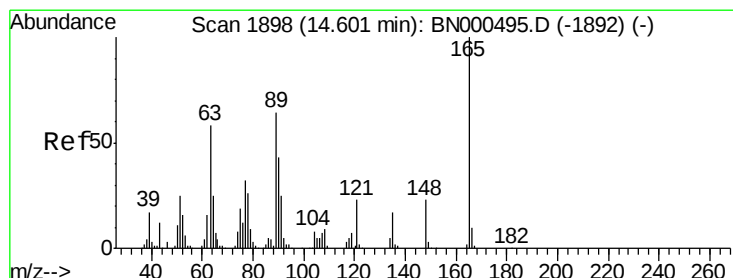
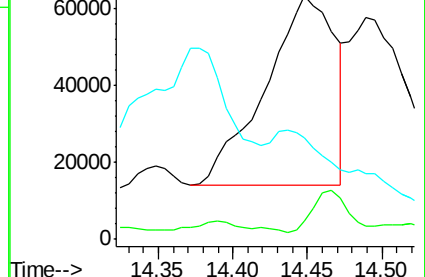
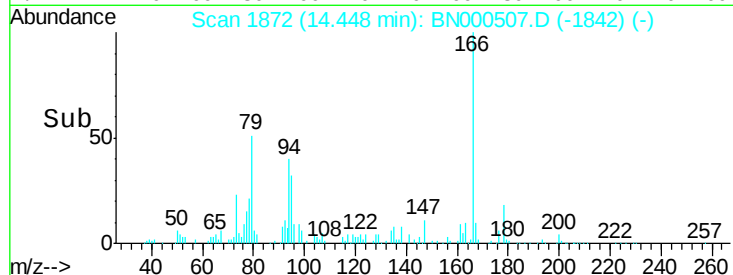
164 41.6 8.4 12.6#



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: 5.436 ng/ul

RT: 14.58 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

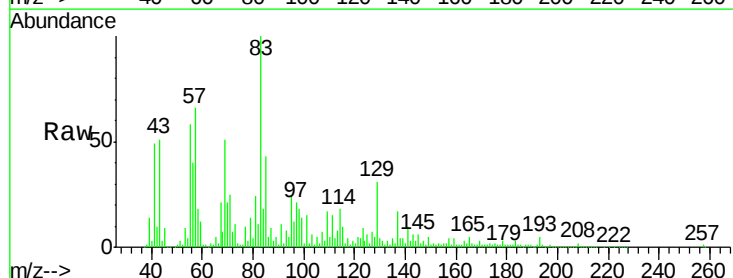
Tgt Ion:165 Resp: 45895

Ion Ratio Lower Upper

165 100

89 105.2 43.8 65.8#

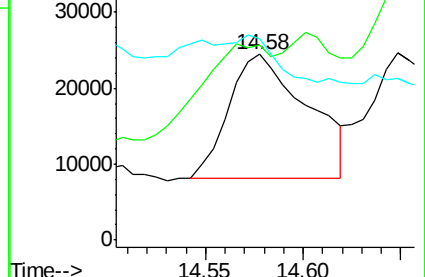
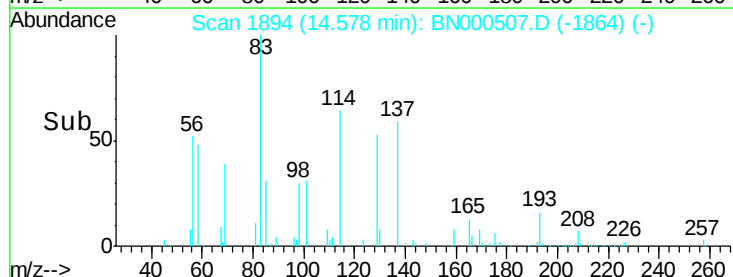
121 108.2 17.8 26.6#

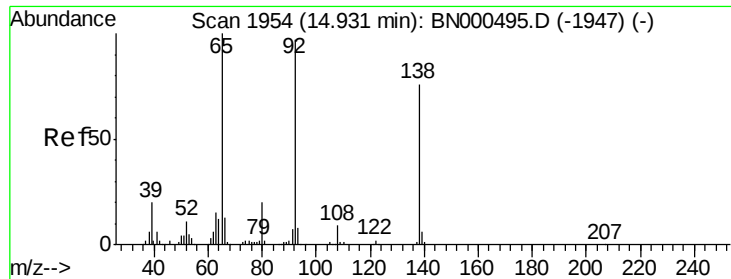


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#48

3-Nitroaniline

Concen: 12.798 ng/ul

RT: 14.95 min Scan# 1957

Delta R.T. 0.02 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

ClientSampled :

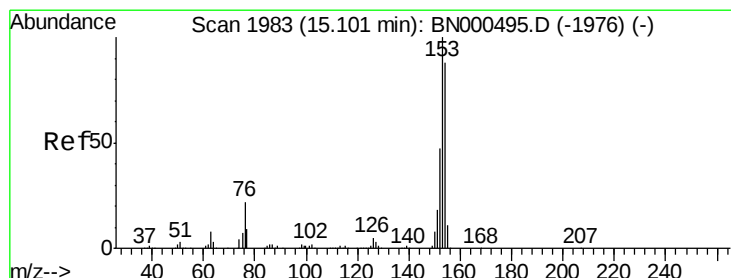
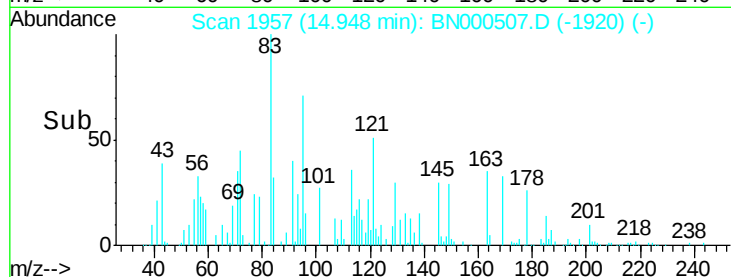
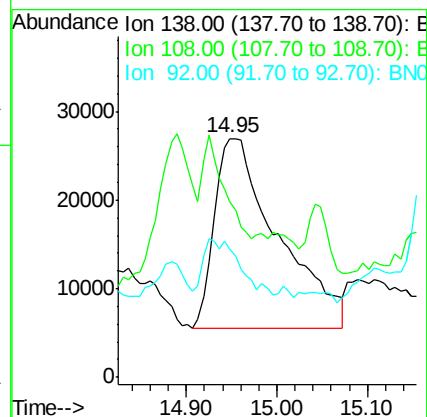
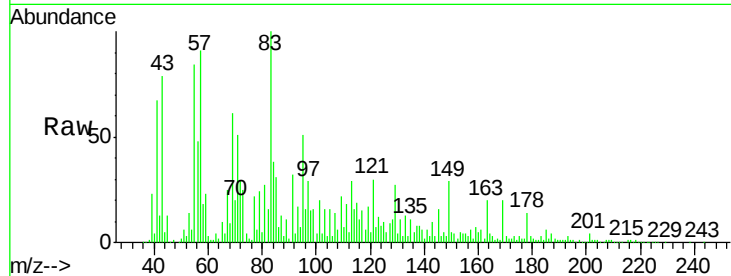
Tot Ion:138 Resp: 104331

Ion Ratio Lower Upper

138 100

108 73.4 7.6 11.4#

92 53.8 94.2 141.2#



#49

Acenaphthene

Concen: 3.730 ng/ul

RT: 15.11 min Scan# 1985

Delta R.T. 0.01 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

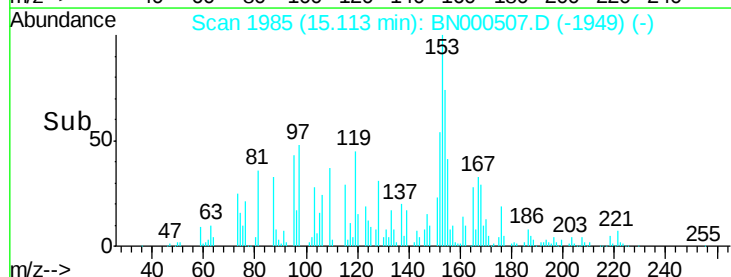
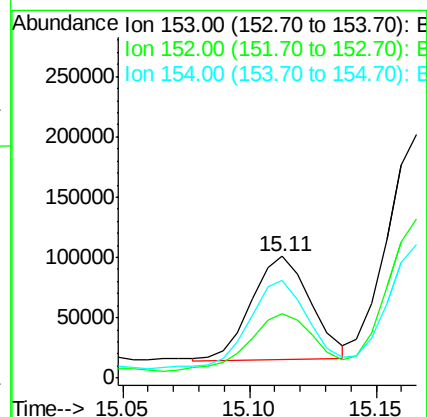
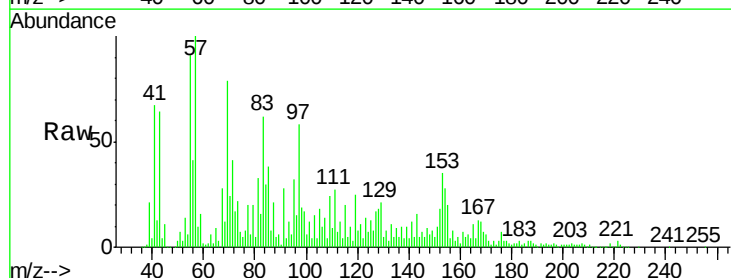
Tgt Ion:153 Resp: 139224

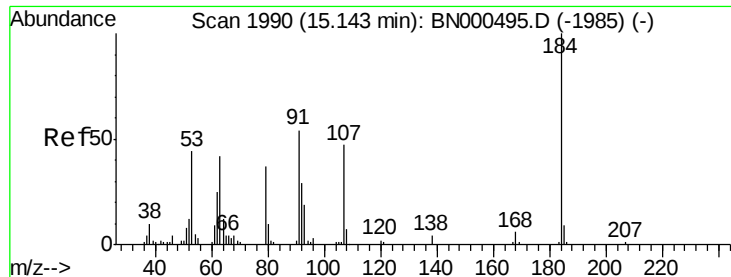
Ion Ratio Lower Upper

153 100

152 53.2 37.9 56.9

154 80.3 69.8 104.6

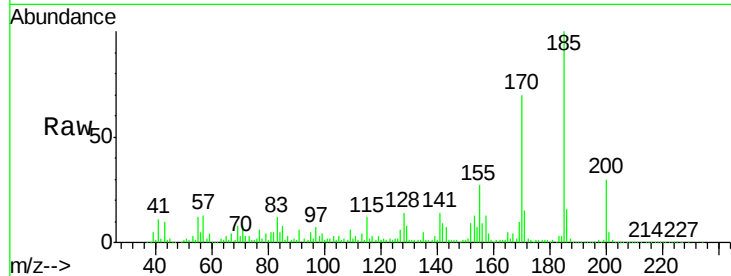




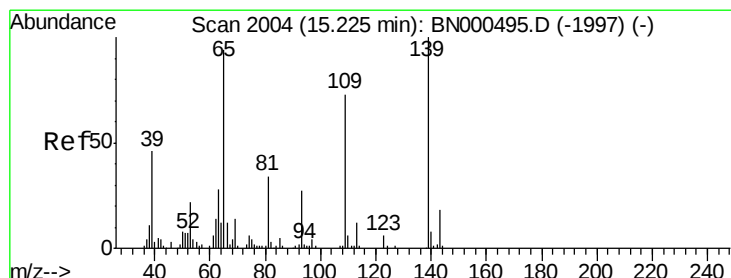
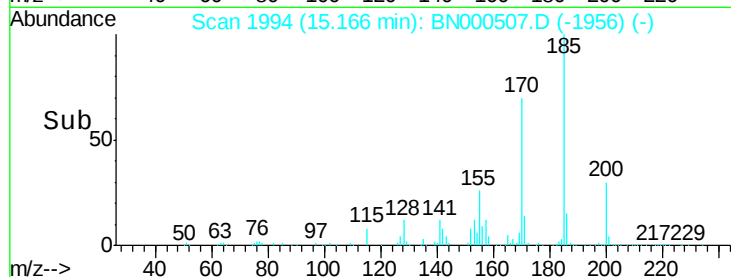
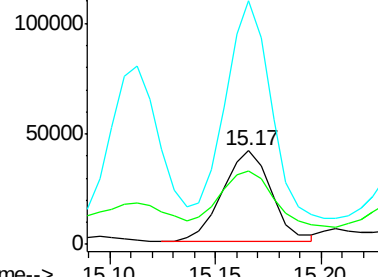
#50
2,4-Dinitrophenol
Concen: 16.609 ng/ul
RT: 15.17 min Scan# 1994
Delta R.T. 0.02 min
Lab File: BN000507.D
Acq: 20 Mar 2018 23:36

Instrument :
BNA_N
ClientSampled :

Tot Ion:184 Resp: 66158
Ion Ratio Lower Upper
184 100
63 78.7 39.7 59.5#
154 259.9 45.0 67.6#

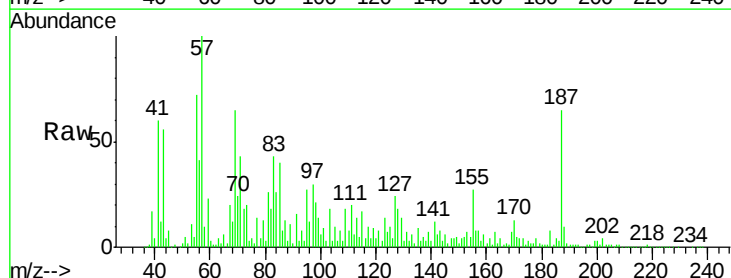


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

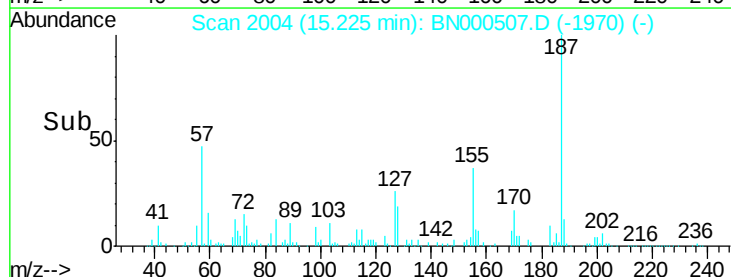
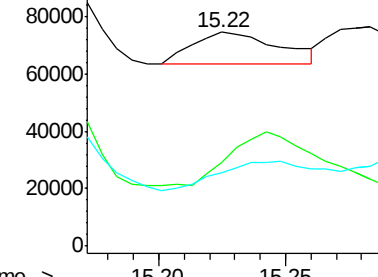


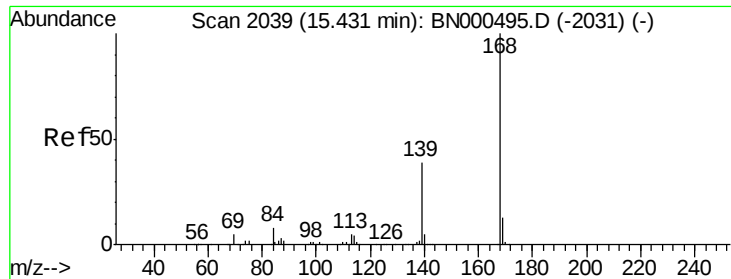
#52
4-Nitrophenol
Concen: 4.189 ng/ul
RT: 15.22 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BN000507.D
Acq: 20 Mar 2018 23:36

Tgt Ion:109 Resp: 25460
Ion Ratio Lower Upper
109 100
139 39.4 91.2 136.8#
65 34.0 92.6 139.0#



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





#53

Dibenzofuran

Concen: 1.467 ng/ul

RT: 15.44 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

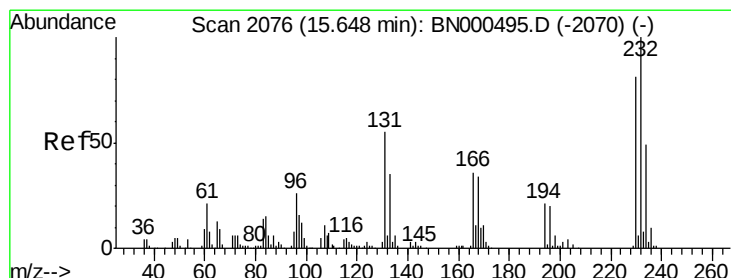
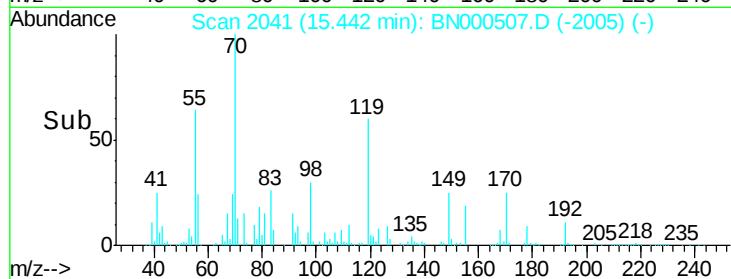
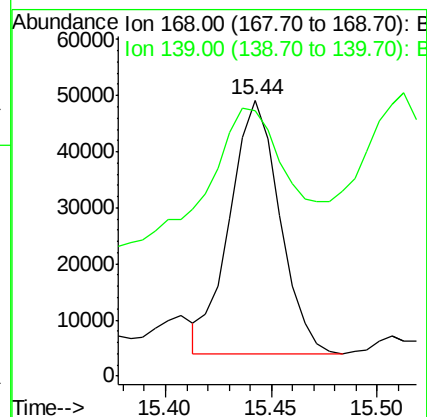
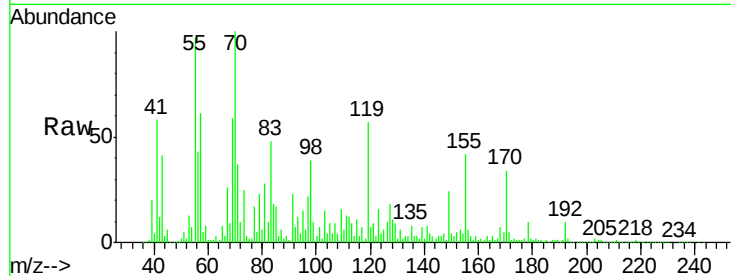
ClientSampled :

Tot Ion:168 Resp: 74386

Ion Ratio Lower Upper

168 100

139 96.2 31.0 46.4#



#55

2,3,4,6-Tetrachlorophenol

Concen: 200.031 ng/ul

RT: 15.61 min Scan# 2069

Delta R.T. -0.04 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Tgt Ion:232 Resp: 1740241

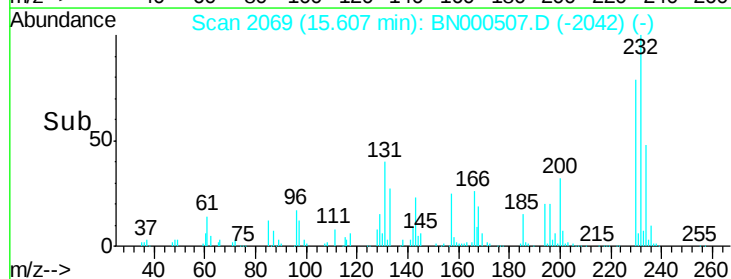
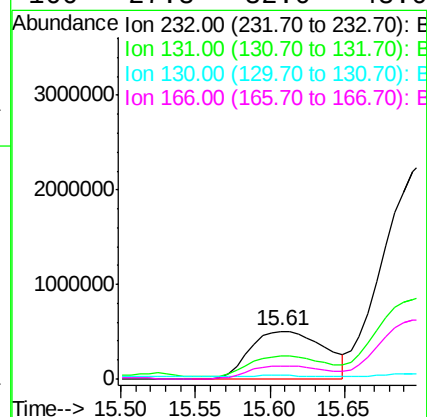
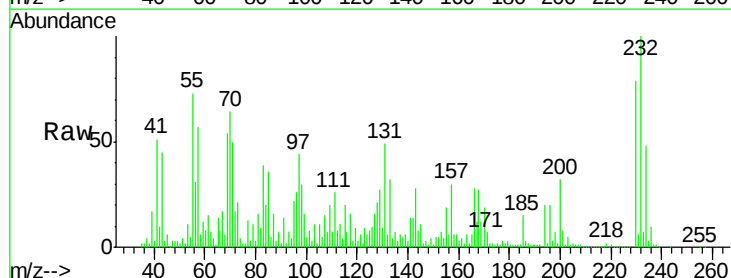
Ion Ratio Lower Upper

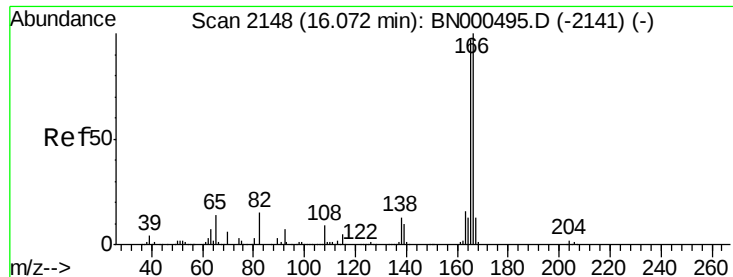
232 100

131 49.2 48.0 72.0

130 9.0 4.0 6.0#

166 27.8 32.0 48.0#





#58

Fluorene

Concen: 4.203 ng/ul

RT: 16.10 min Scan# 2153

Delta R.T. 0.03 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

ClientSampleId :

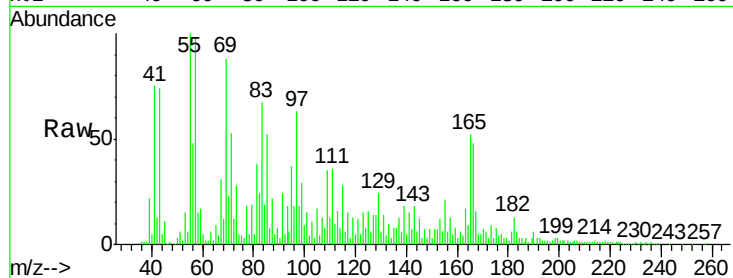
Tot Ion:166 Resp: 169329

Ion Ratio Lower Upper

166 100

165 108.6 78.4 117.6

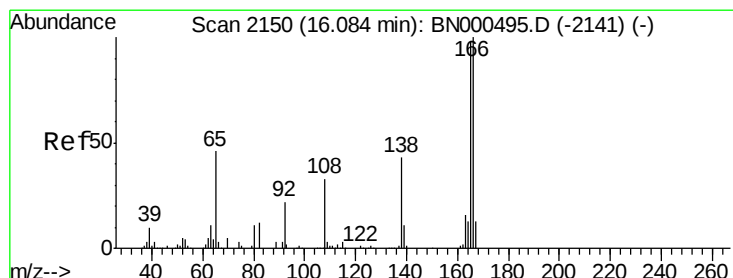
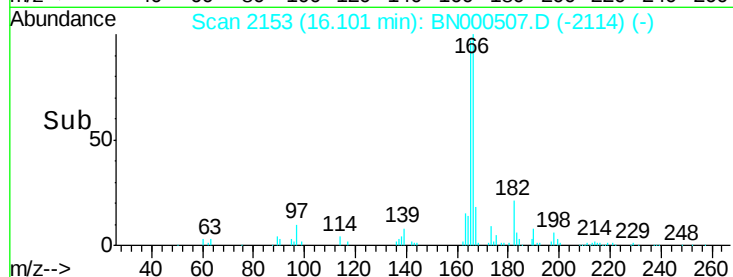
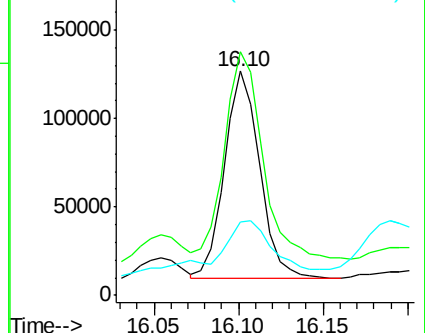
167 32.6 11.1 16.7#



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: 7.707 ng/ul

RT: 16.12 min Scan# 2157

Delta R.T. 0.04 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

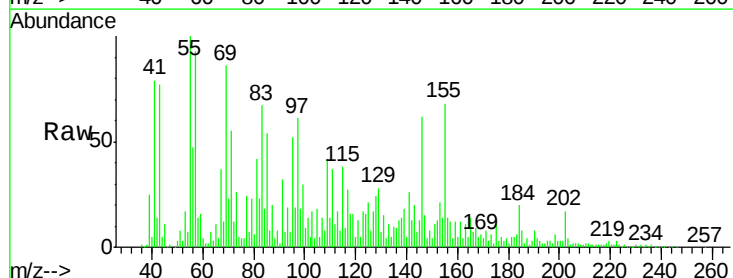
Tgt Ion:138 Resp: 70580

Ion Ratio Lower Upper

138 100

92 48.6 38.2 57.4

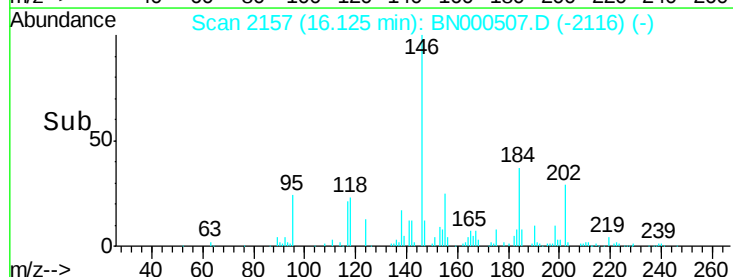
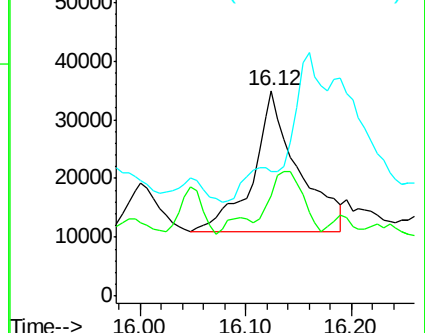
108 60.6 70.0 105.0#

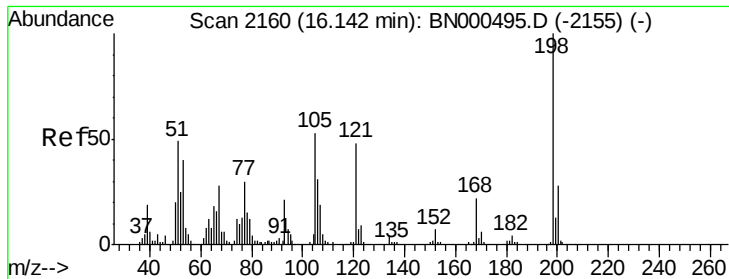


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E

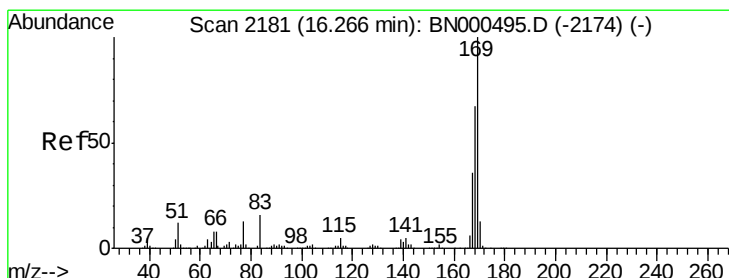
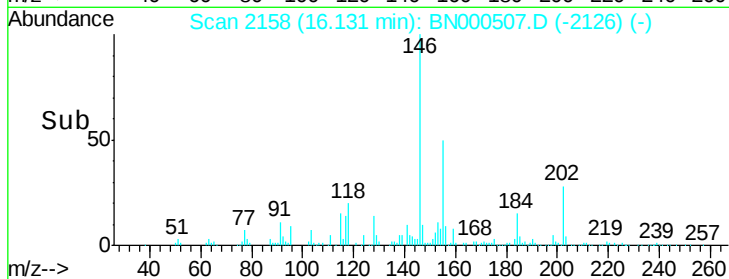
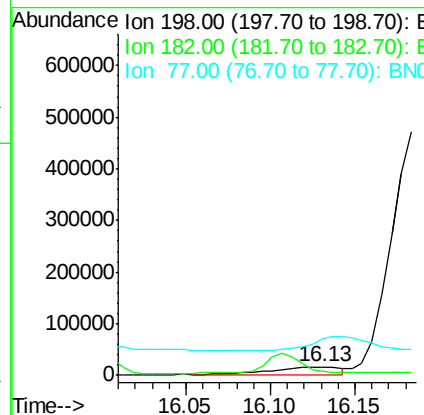
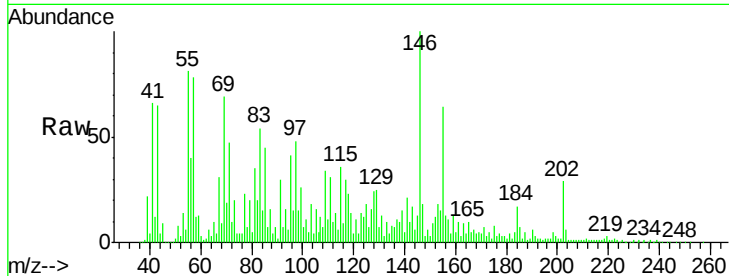




#63
 4,6-Dinitro-2-methylphenol
 Concen: 256.014 ng/ul
 RT: 16.13 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BN000507.D
 Acq: 20 Mar 2018 23:36

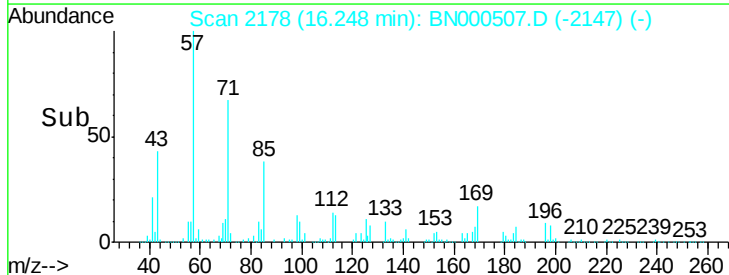
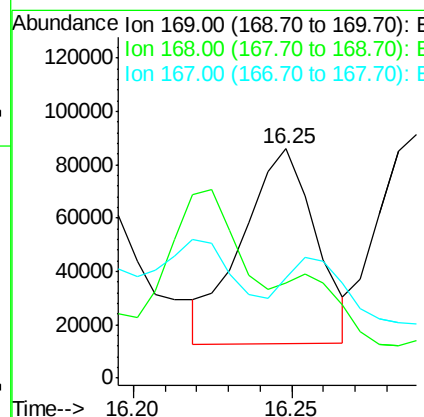
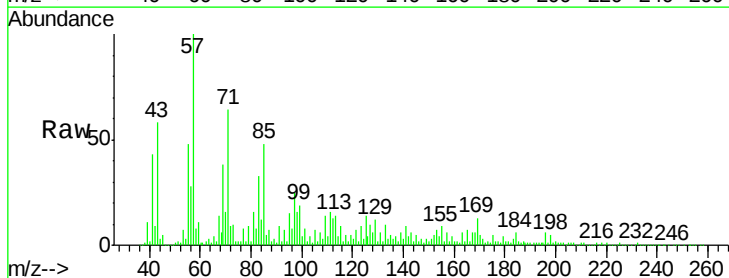
Instrument :
 BNA_N
 ClientSampleId :

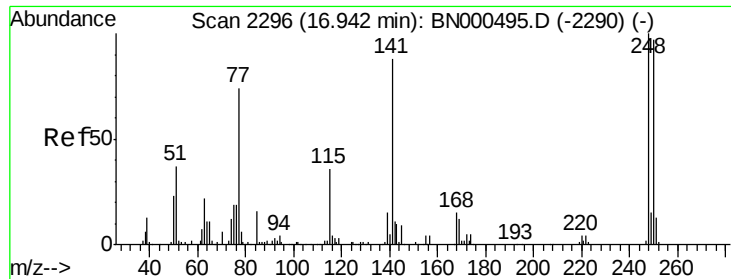
Tot Ion:198 Resp: 40111
 Ion Ratio Lower Upper
 198 100
 182 46.2 3.5 5.3#
 77 419.1 18.2 27.4#



#64
 N-Nitrosodiphenylamine
 Concen: 137.866 ng/ul
 RT: 16.25 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BN000507.D
 Acq: 20 Mar 2018 23:36

Tgt Ion:169 Resp: 117692
 Ion Ratio Lower Upper
 169 100
 168 41.5 53.8 80.8#
 167 43.8 29.5 44.3





#65

4-Bromophenyl-phenylether

Concen: 1.204 ng/ul

RT: 16.92 min Scan# 2293

Delta R.T. -0.02 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

ClientSampleId :

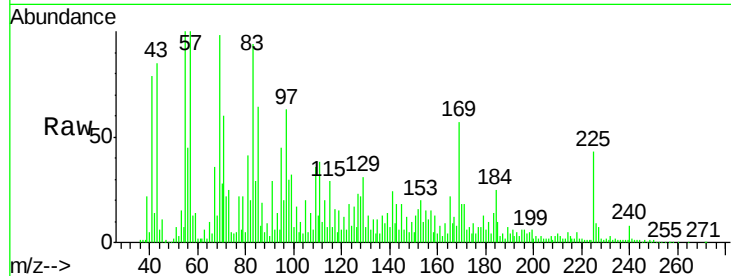
Tot Ion:248 Resp: 318

Ion Ratio Lower Upper

248 100

250 101.2 79.0 118.4

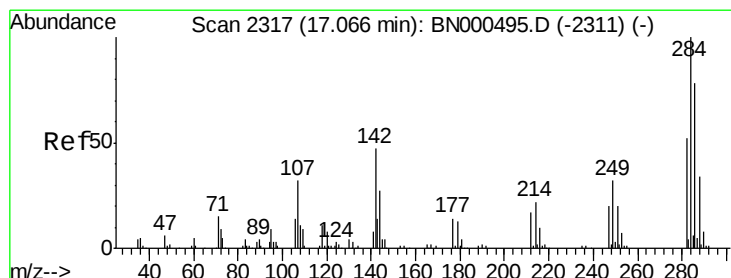
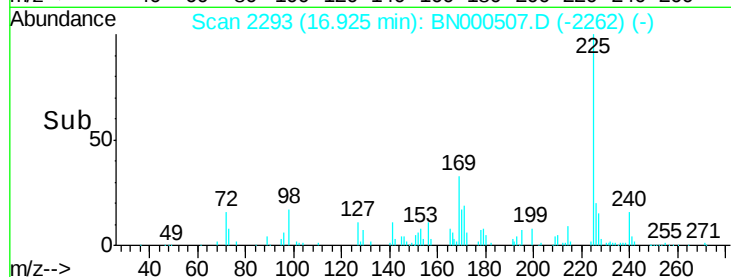
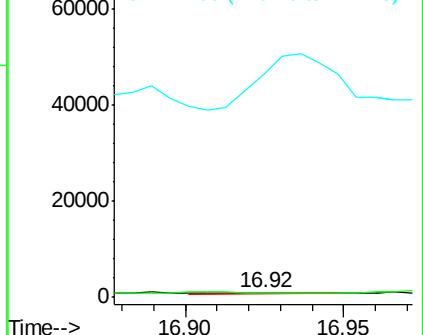
141 4692.2 51.9 77.9#



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



#66

Hexachlorobenzene

Concen: 11.524 ng/ul

RT: 17.08 min Scan# 2320

Delta R.T. 0.02 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

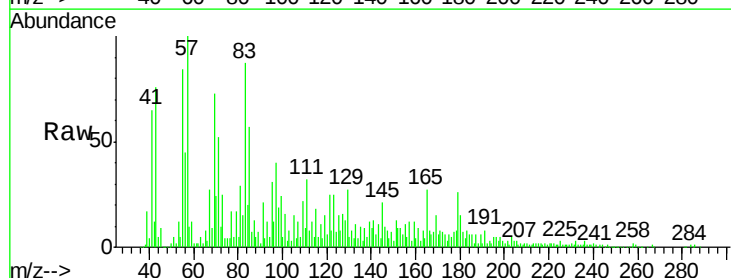
Tgt Ion:284 Resp: 3214

Ion Ratio Lower Upper

284 100

142 744.7 21.3 31.9#

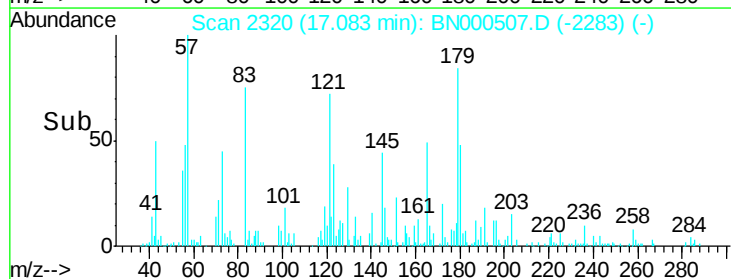
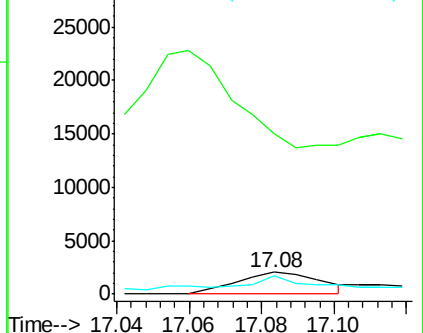
249 86.8 26.3 39.5#

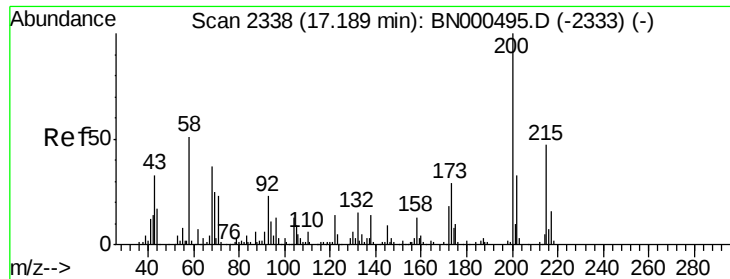


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#67

Atrazine

Concen: 3.134 ng/ul

RT: 17.22 min Scan# 2344

Delta R.T. 0.04 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

ClientSampleId :

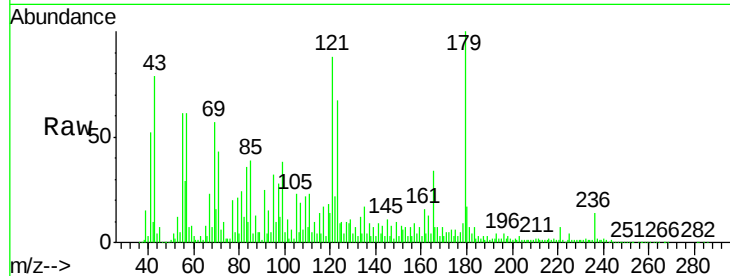
Tot Ion:200 Resp: 807

Ion Ratio Lower Upper

200 100

173 564.2 20.6 31.0#

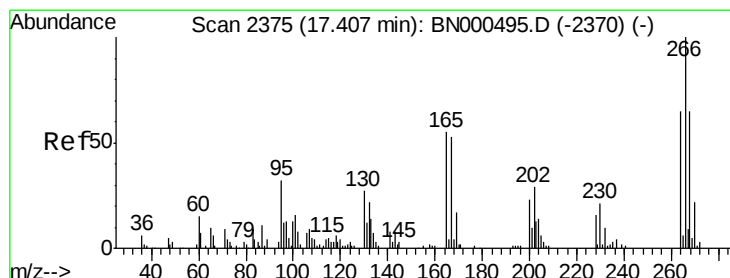
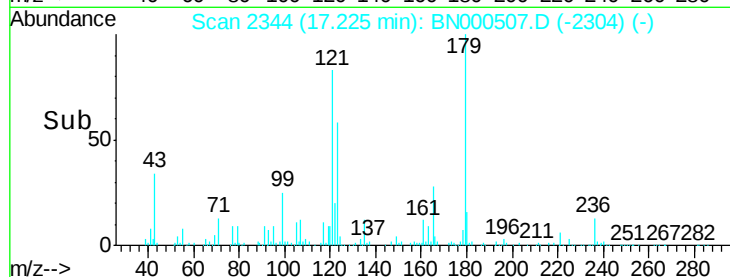
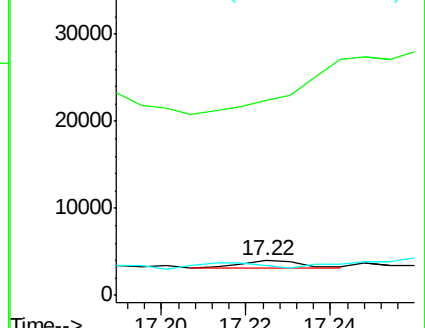
215 85.0 39.8 59.6#



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



#68

Pentachlorophenol

Concen: 73741.215 ng/ul

RT: 17.49 min Scan# 2389

Delta R.T. 0.08 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

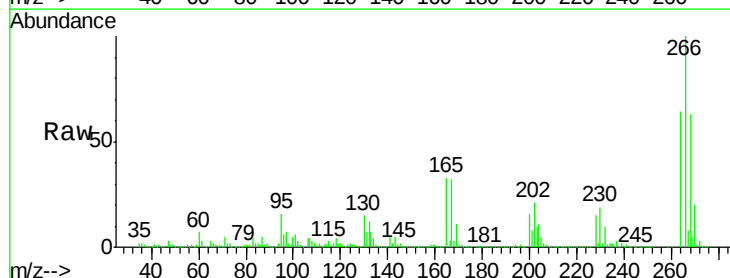
Tgt Ion:266 Resp:10857363

Ion Ratio Lower Upper

266 100

264 64.4 48.2 72.4

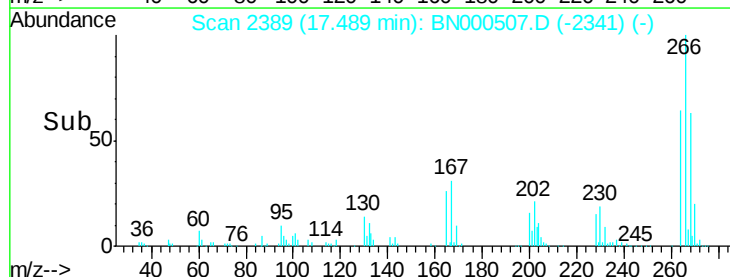
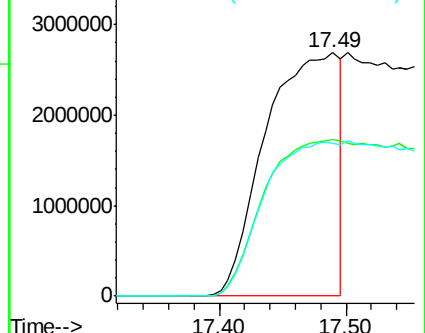
268 62.8 52.3 78.5

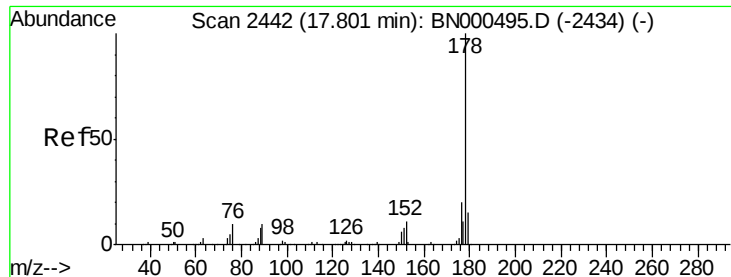


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 12.244 ng/ul

RT: 17.79 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

ClientSampled :

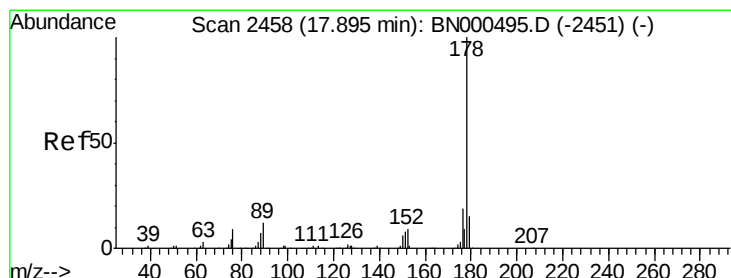
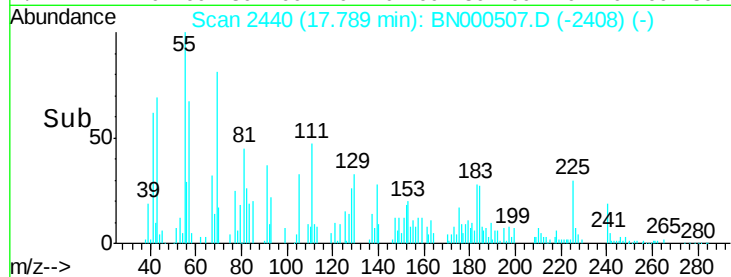
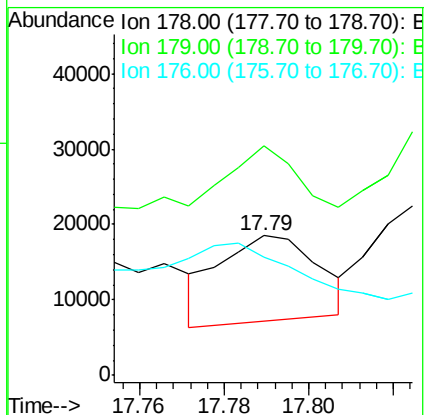
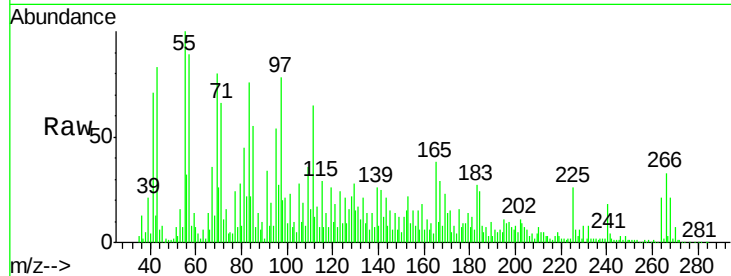
Tot Ion:178 Resp: 18278

Ion Ratio Lower Upper

178 100

179 163.7 12.3 18.5#

176 84.1 15.4 23.0#



#71

Anthracene

Concen: 6.777 ng/ul

RT: 17.85 min Scan# 2451

Delta R.T. -0.04 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

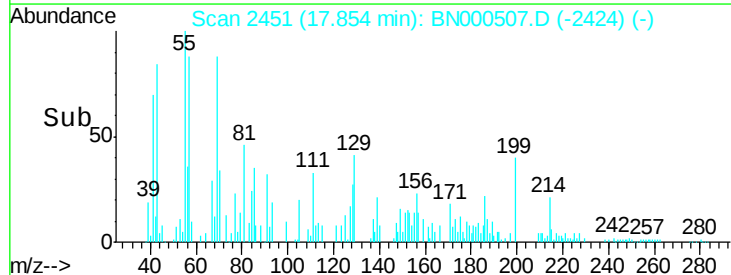
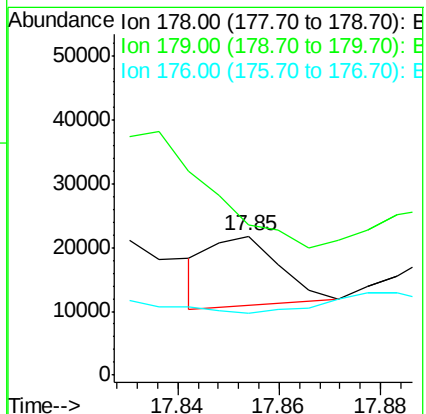
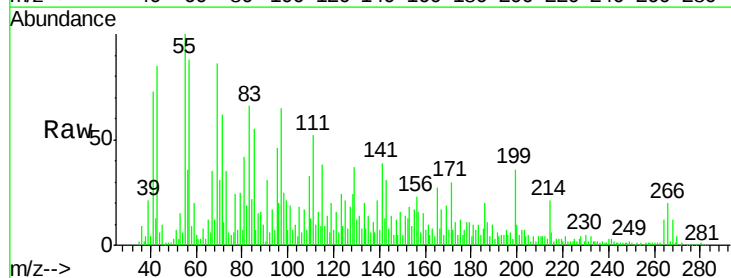
Tgt Ion:178 Resp: 10374

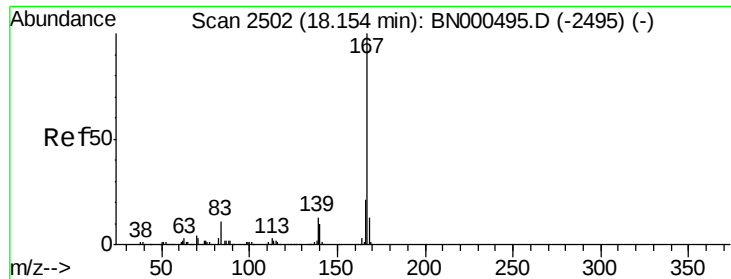
Ion Ratio Lower Upper

178 100

179 108.1 13.4 20.2#

176 44.9 15.4 23.0#





#72

Carbazole

Concen: 4.585 ng/ul

RT: 18.13 min Scan# 2498

Delta R.T. -0.02 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

ClientSampleId :

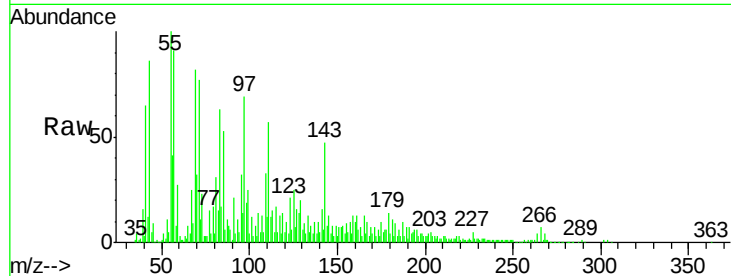
Tot Ion:167 Resp: 6018

Ion Ratio Lower Upper

167 100

166 38.8 17.0 25.4#

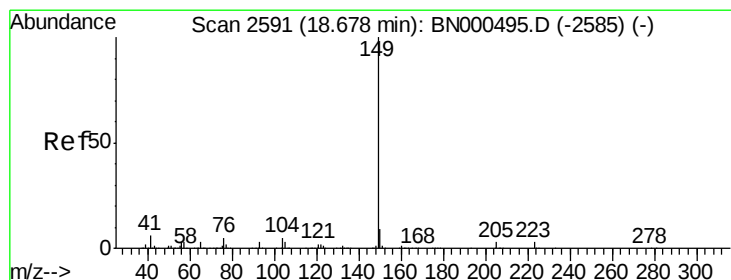
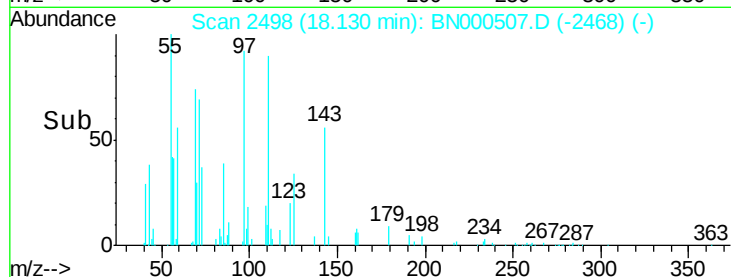
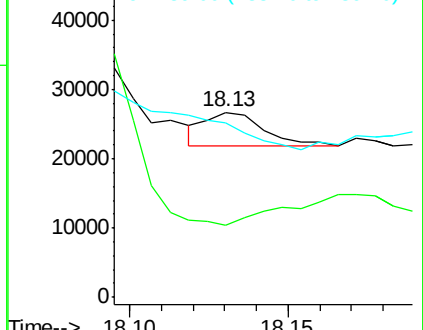
139 94.4 9.1 13.7#



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: 3.444 ng/ul

RT: 18.67 min Scan# 2589

Delta R.T. -0.01 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

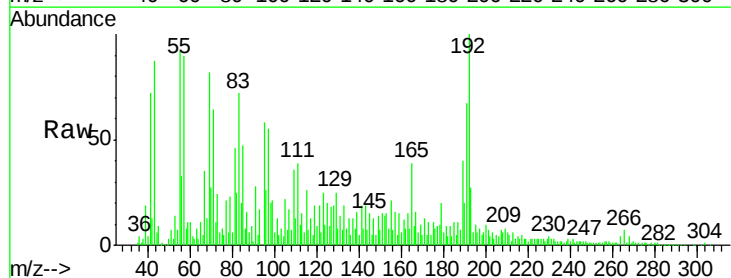
Tgt Ion:149 Resp: 6147

Ion Ratio Lower Upper

149 100

150 54.2 7.5 11.3#

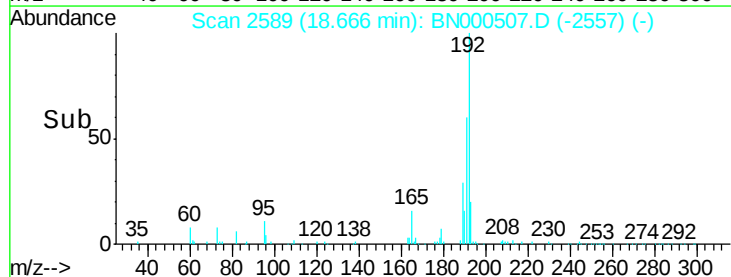
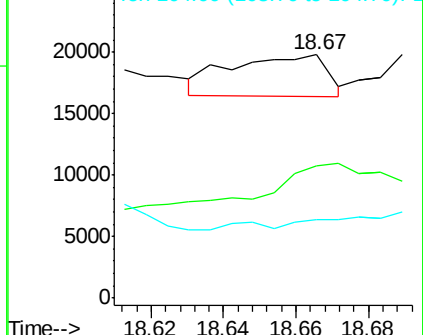
104 32.2 4.1 6.1#

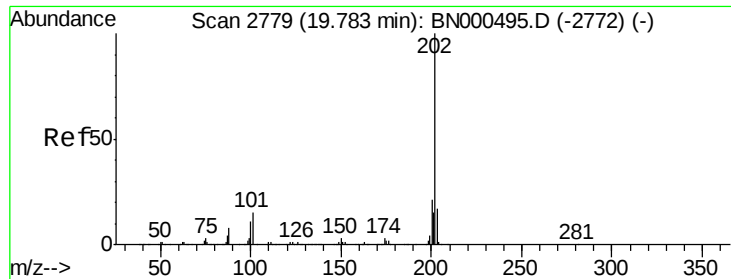


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 1.861 ng/ul

RT: 19.75 min Scan# 2773

Delta R.T. -0.04 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

ClientSampleId :

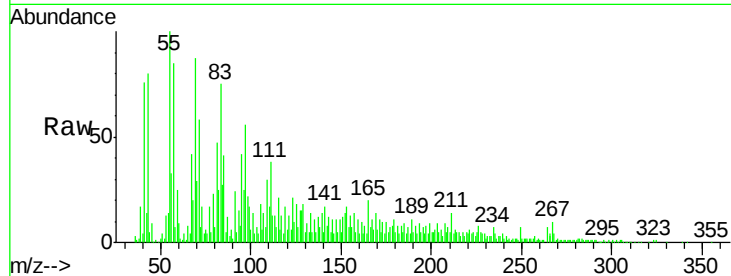
Tot Ion:202 Resp: 2760

Ion Ratio Lower Upper

202 100

101 214.5 6.1 9.1#

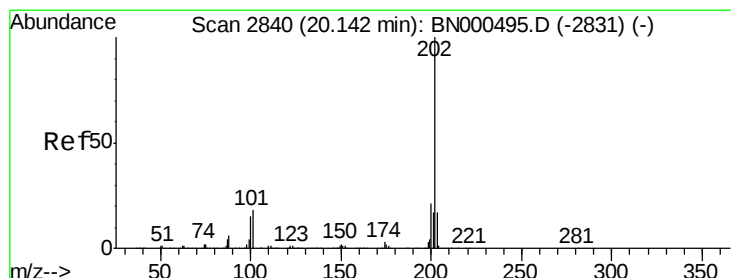
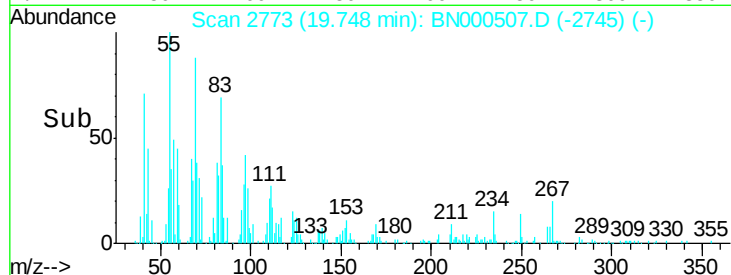
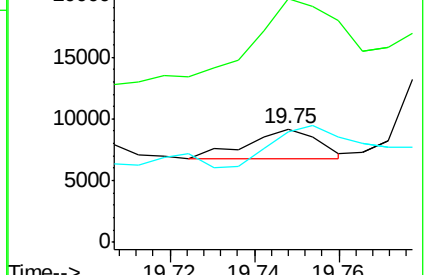
100 97.1 4.6 7.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 8.727 ng/ul

RT: 20.16 min Scan# 2843

Delta R.T. 0.02 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

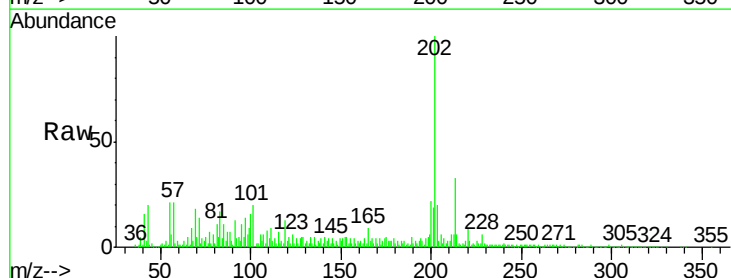
Tgt Ion:202 Resp: 485791

Ion Ratio Lower Upper

202 100

101 20.1 6.9 10.3#

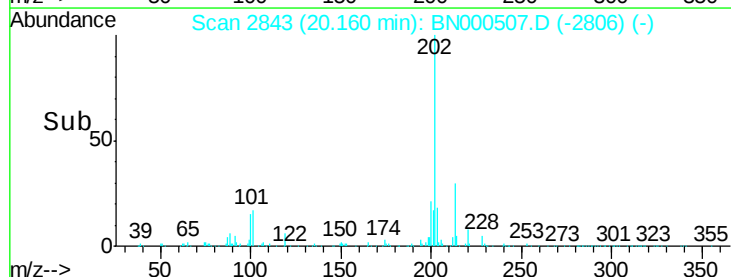
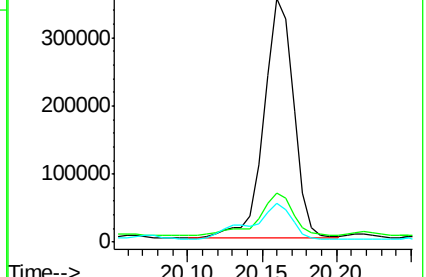
100 15.8 5.6 8.4#

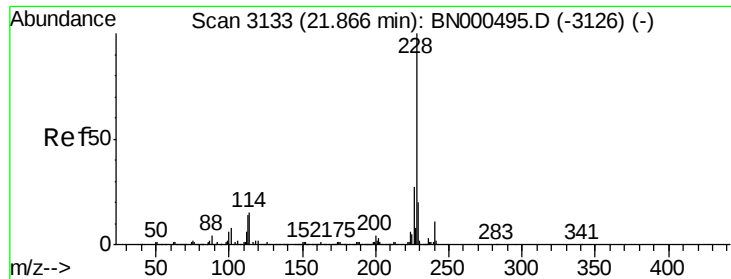


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.446 ng/ul

RT: 21.87 min Scan# 3134

Delta R.T. 0.01 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

ClientSampleId :

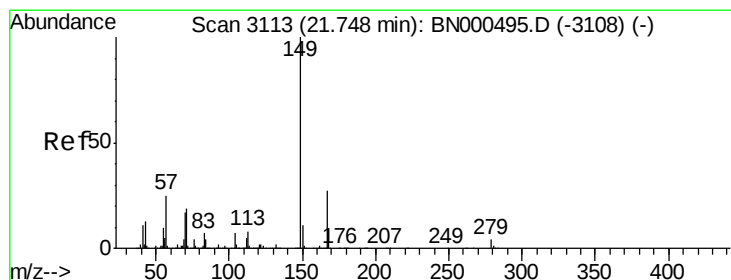
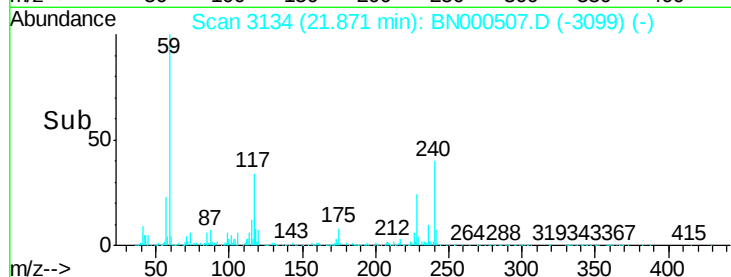
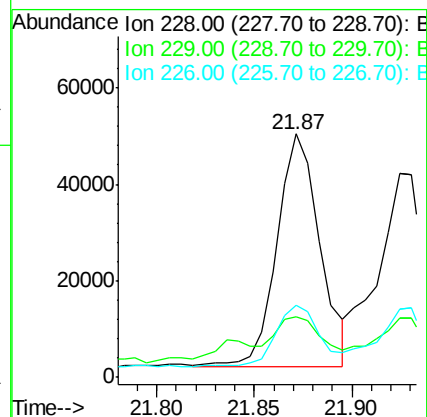
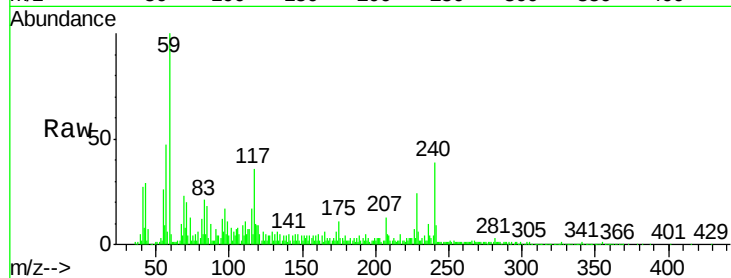
Tot Ion:228 Resp: 73434

Ion Ratio Lower Upper

228 100

229 25.1 16.0 24.0#

226 29.8 21.8 32.8



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.622 ng/ul

RT: 21.75 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

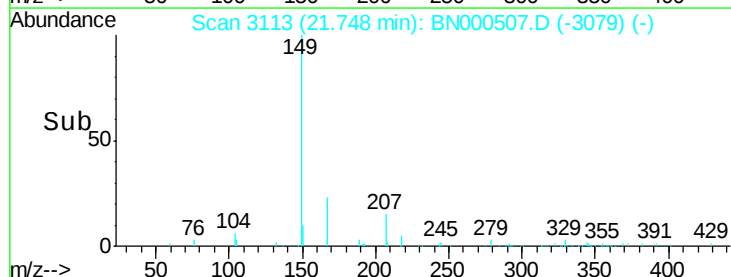
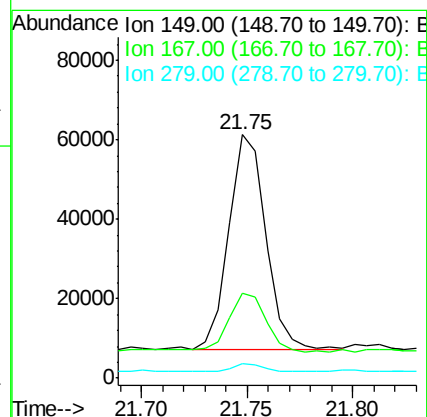
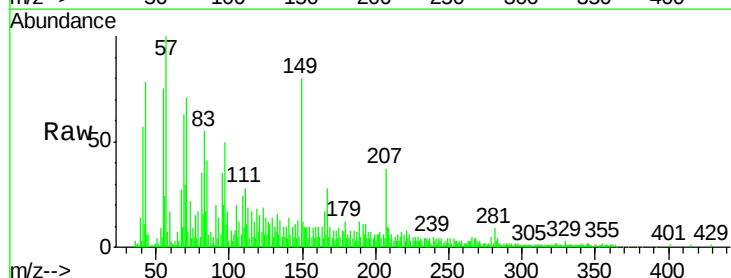
Tgt Ion:149 Resp: 65099

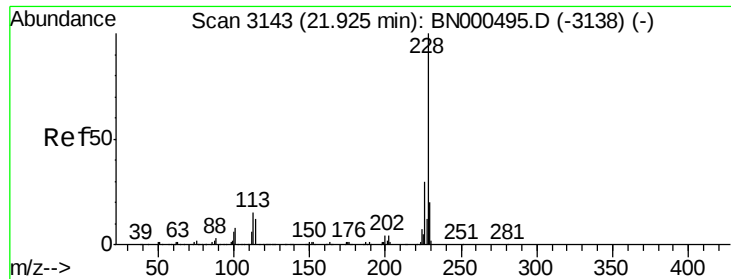
Ion Ratio Lower Upper

149 100

167 34.7 23.0 34.6#

279 5.9 4.3 6.5





#82

Chrvsene

Concen: 1.415 ng/ul

RT: 21.92 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

ClientSampleId :

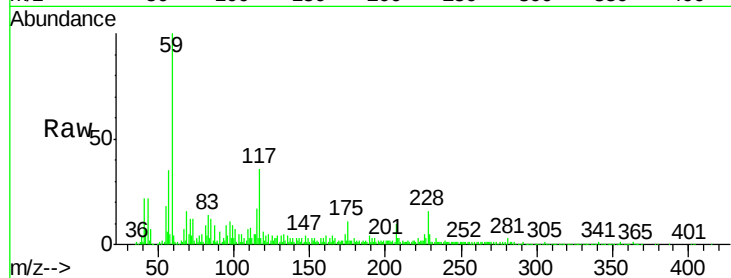
Tot Ion:228 Resp: 67359

Ion Ratio Lower Upper

228 100

226 33.5 24.1 36.1

229 29.1 16.0 24.0#



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

