

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032018\
 Data File : BN000508.D
 Acq On : 21 Mar 2018 00:11
 Operator : JU/SJ
 Sample : J1905-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 21 02:37:37 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	8.44	152	261873	20.00	ng/ul	0.02
18) Naphthalene-d8	11.29	136	558338	20.00	ng/ul	0.04
35) Acenaphthene-d10	15.07	164	375732	20.00	ng/ul	0.03
61) Phenanthrene-d10	17.83	188	5858	20.00	ng/ul	0.07
75) Chrysene-d12	21.95	240	1281	20.00	ng/ul	0.07
83) Perylene-d12	24.38	264	919496	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	49077	6.69	ng/uL	0.00
5) Phenol-d5	7.60	99	52465	2.15	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	7.74	67	506340	35.93	ng/ul	0.02
9) 2-Chlorophenol-d4	8.00	132	345927	18.73	ng/ul	0.06
13) 4-Methylphenol-d8	9.16	113	4397	0.23	ng/ul	0.04
19) Nitrobenzene-d5	9.64	128	227294	50.12	ng/ul	0.05
22) 2-Nitrophenol-d4	10.37	143	169169	36.01	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	10.91	165	2433	0.29	ng/ul	0.04
29) 4-Chloroaniline-d4	11.39	131	477311	55.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.46	166	929890	31.33	ng/ul	0.04
46) Acenaphthylene-d8	14.77	160	1391369	35.53	ng/ul	0.03
51) 4-Nitrophenol-d4	15.27	143	116788	21.19	ng/ul	0.06
57) Fluorene-d10	16.07	176	906040	35.82	ng/ul	0.05
62) 4,6-Dinitro-2-methylphenol	16.21	200	100541	2996.80	ng/ul	0.08
70) Anthracene-d10	17.90	188	680867	2418.08	ng/ul	0.04
76) Pyrene-d10	20.14	212	1413331	19986.02	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.23	264	1503979	34.66	ng/ul	0.02

Target Compounds

					Ovalue	
4) Benzaldehyde	7.55	77	352121	35.351	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.80	93	34307	1.734	ng/ul#	1
11) 2-Methylphenol	8.82	108	73673	4.030	ng/ul	82
14) Acetophenone	9.41	105	634507	22.430	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.21	70	405523	27.408	ng/ul#	54
16) 4-Methylphenol	9.32	108	93836	4.795	ng/ul	92
17) Hexachloroethane	9.57	117	608685	77.348	ng/ul#	1
20) Nitrobenzene	9.65	77	77820	6.952	ng/ul#	34
21) Isophorone	10.22	82	3114340	145.946	ng/ul#	92
23) 2-Nitrophenol	10.38	139	19621	3.884	ng/ul#	1
24) 2,4-Dimethylphenol	10.48	107	76495	7.029	ng/ul#	60
25) Bis(2-Chloroethoxy)methane	10.65	93	965906	71.670	ng/ul#	89
27) 2,4-Dichlorophenol	10.91	162	14936	1.828	ng/ul#	1
28) Naphthalene	11.35	128	3546027	120.940	ng/ul	97
30) 4-Chloroaniline	11.48	127	16332	1.862	ng/ul#	9
32) Caprolactam	12.15	113	69784	23.357	ng/ul#	1
33) 4-Chloro-3-methylphenol	12.56	107	44941	4.677	ng/ul#	39
34) 2-Methylnaphthalene	12.93	142	4505287	230.149	ng/ul	100
38) 2,4,6-Trichlorophenol	13.35	196	21539	2.813	ng/ul	87
39) 2,4,5-Trichlorophenol	13.56	196	208805	26.154	ng/ul	98
40) 1,1'-Biphenyl	13.90	154	455811	14.251	ng/ul#	81
41) 2-Chloronaphthalene	13.91	162	45639	1.851	ng/ul#	3
42) 2-Nitroaniline	14.12	65	81224	10.873	ng/ul#	1

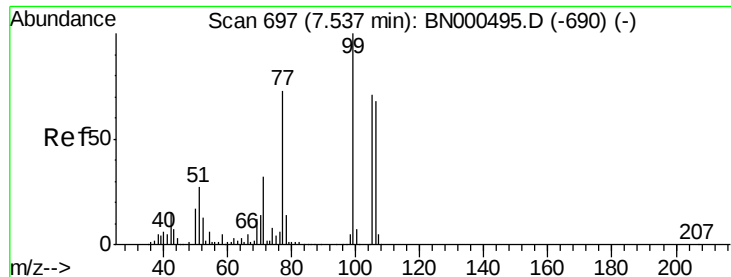
Data Path : Z:\HPCHEM1\BNA N\DATA\BN032018\
 Data File : BN000508.D
 Acq On : 21 Mar 2018 00:11
 Operator : JU/SJ
 Sample : J1905-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 21 02:37:37 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)
44) Dimethylphthalate	14.51	163	45502	1.550	ng/ul#	21
45) 2,6-Dinitrotoluene	14.67	165	49719	8.403	ng/ul#	41
47) Acenaphthylene	14.79	152	97972	2.554	ng/ul#	1
48) 3-Nitroaniline	14.96	138	15784	2.763	ng/ul#	47
49) Acenaphthene	15.13	153	247712	9.470	ng/ul#	80
50) 2,4-Dinitrophenol	15.18	184	56605	20.278	ng/ul#	1
52) 4-Nitrophenol	15.23	109	255560	59.998	ng/ul#	16
53) Dibenzofuran	15.46	168	126376	3.557	ng/ul#	1
54) 2,4-Dinitrotoluene	15.40	165	12353	1.473	ng/ul#	79
56) Diethylphthalate	15.81	149	34861	1.163	ng/ul#	14
58) Fluorene	16.12	166	380138	13.465	ng/ul#	64
63) 4,6-Dinitro-2-methylphenol	16.24	198	339247	9578.205	ng/ul#	1
64) N-Nitrosodiphenylamine	16.32	169	231314	1198.618	ng/ul#	60
65) 4-Bromophenyl-phenylether	17.00	248	275	4.606	ng/ul#	1
66) Hexachlorobenzene	17.11	284	19192	304.405	ng/ul#	1
67) Atrazine	17.30	200	4475	76.884	ng/ul#	1
68) Pentachlorophenol	17.51	266	12934205	388592.127	ng/ul	97
69) Phenanthrene	17.84	178	22118	65.539	ng/ul#	1
71) Anthracene	18.00	178	243754	704.408	ng/ul#	40
72) Carbazole	18.23	167	157111	529.450	ng/ul#	22
73) Di-n-butylphthalate	18.77	149	208490	516.651	ng/ul#	67
74) Fluoranthene	19.85	202	9263	27.622	ng/ul#	1
77) Pyrene	20.22	202	39291	419.940	ng/ul#	1
78) Butylbenzylphthalate	21.06	149	9062	194.987	ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.87	252	2924	116.836	ng/ul#	26
80) Benzo(a)anthracene	21.93	228	124006	1452.885	ng/ul#	72
81) Bis(2-ethylhexyl)phthalate	21.75	149	816848	12106.507	ng/ul	99
82) Chrysene	22.01	228	2282	28.520	ng/ul#	1
84) Di-n-octyl phthalate	22.71	149	388952	5.026	ng/ul	100
85) Benzo(b)fluoranthene	23.62	252	96254	1.657	ng/ul#	34
88) Benzo(a)pyrene	24.28	252	57628	1.054	ng/ul#	31

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



#4

Benzaldehyde

Concen: 35.351 ng/ul

RT: 7.55 min Scan# 699

Delta R.T. 0.01 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

ClientSampleId :

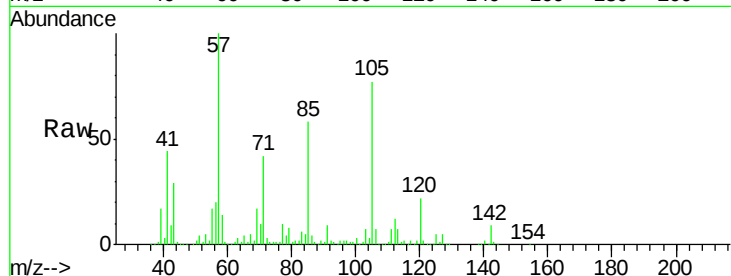
Tot Ion: 77 Resp: 352121

Ion Ratio Lower Upper

77 100

105 790.2 71.0 106.6#

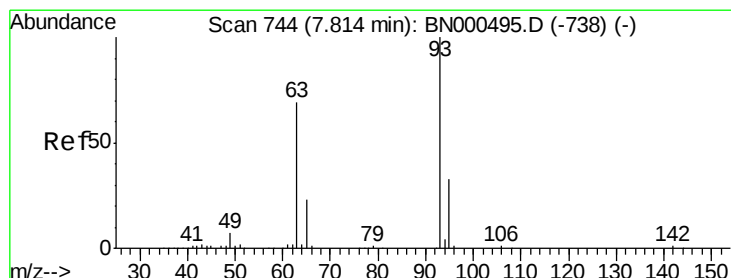
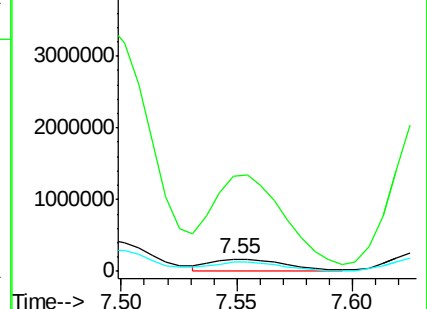
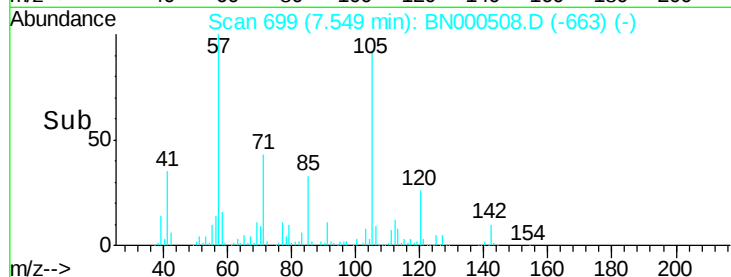
106 73.5 69.5 104.3



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC



#8

Bis(2-Chloroethyl)ether

Concen: 1.734 ng/ul

RT: 7.80 min Scan# 742

Delta R.T. -0.01 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

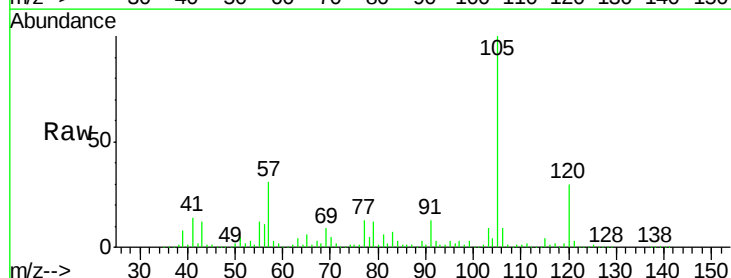
Tgt Ion: 93 Resp: 34307

Ion Ratio Lower Upper

93 100

63 560.1 59.4 89.2#

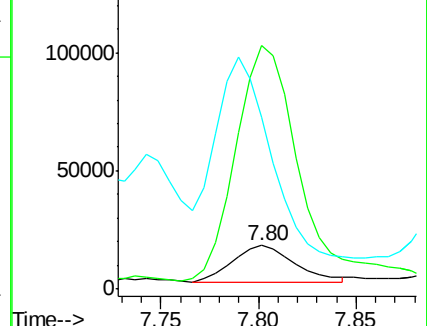
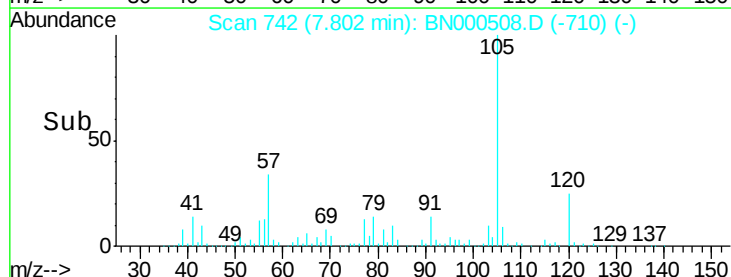
95 395.3 26.4 39.6#

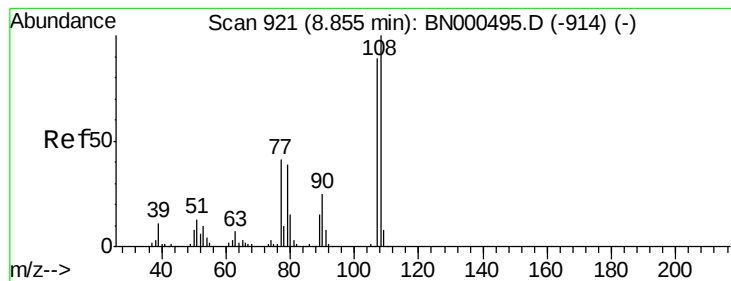


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC





#11

2-Methylphenol

Concen: 4.030 ng/ul

RT: 8.82 min Scan# 915

Delta R.T. -0.04 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

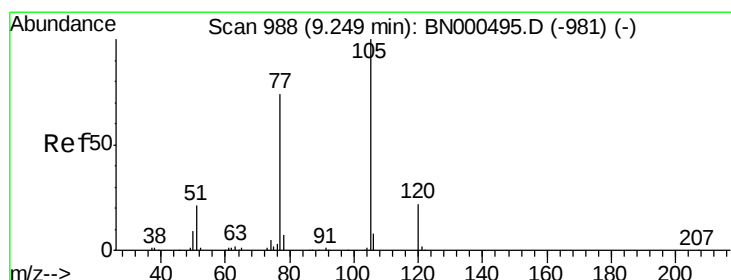
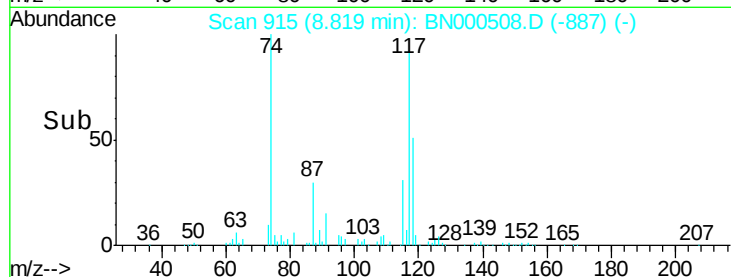
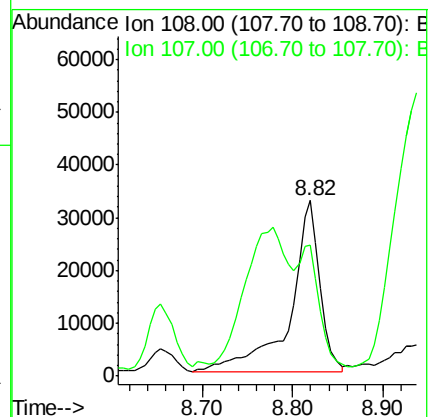
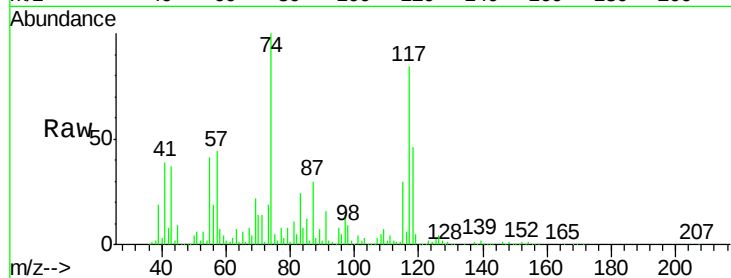
ClientSampleId :

Tot Ion:108 Resp: 73673

Ion Ratio Lower Upper

108 100

107 74.9 74.1 111.1



#14

Acetophenone

Concen: 22.430 ng/ul

RT: 9.41 min Scan# 1016

Delta R.T. 0.16 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

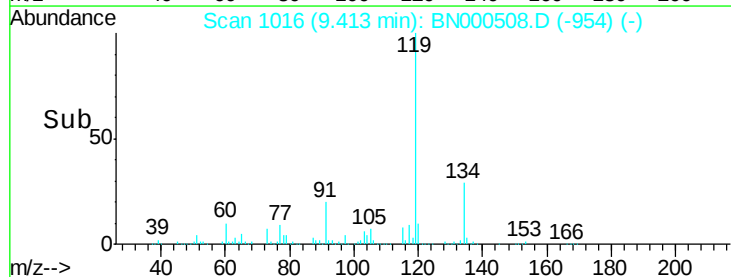
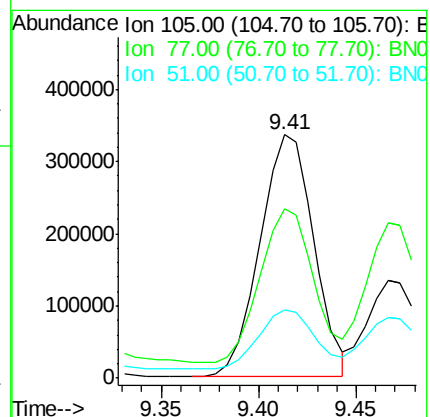
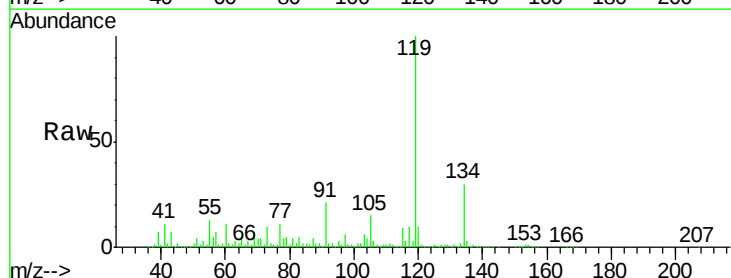
Tgt Ion:105 Resp: 634507

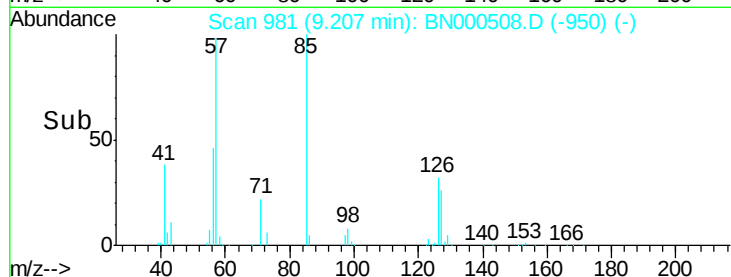
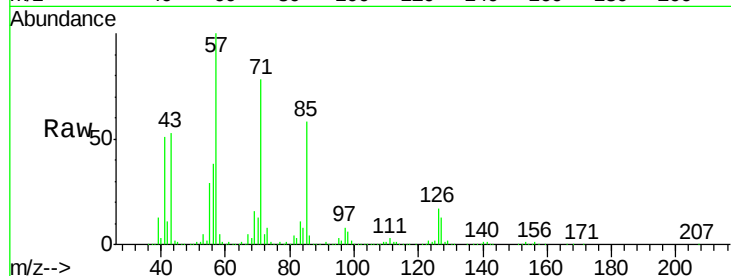
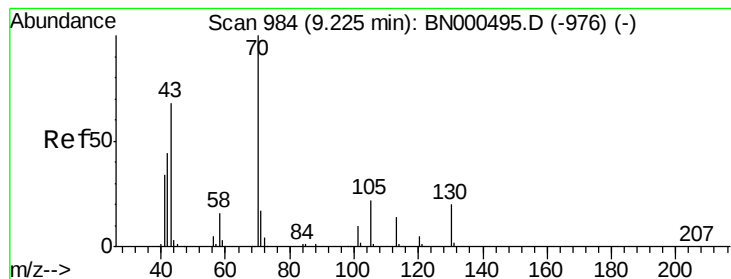
Ion Ratio Lower Upper

105 100

77 69.5 63.2 94.8

51 28.1 19.8 29.8





#15

N-Nitroso-di-n-propylamine

Concen: 27.408 ng/ul

RT: 9.21 min Scan# 981

Delta R.T. -0.02 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 405523

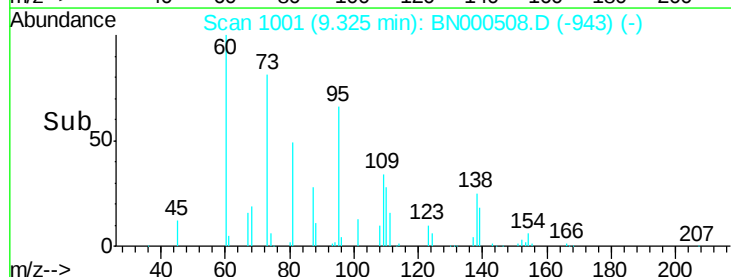
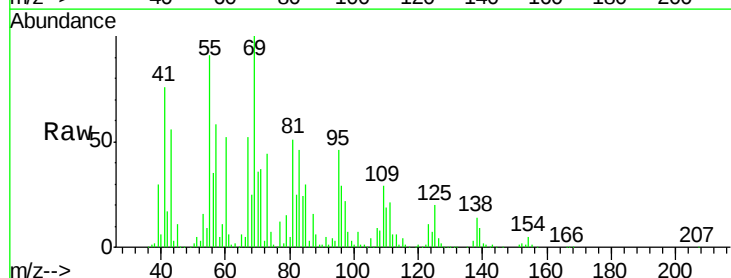
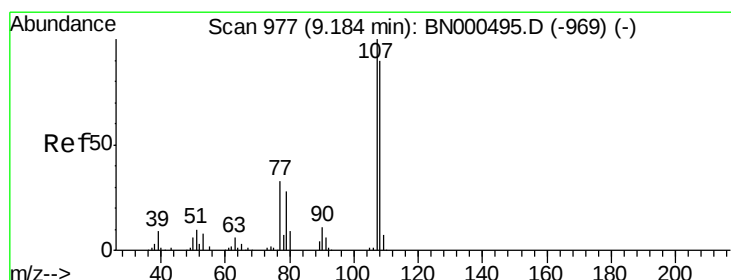
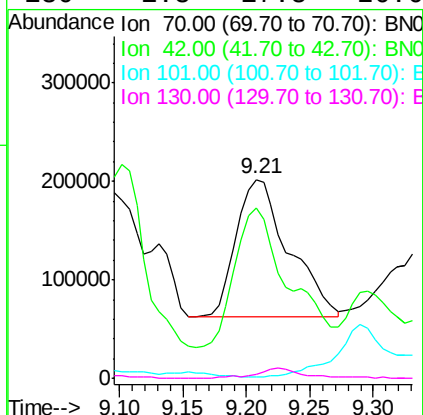
Ion Ratio Lower Upper

70 100

42 85.7 40.2 60.4#

101 0.7 7.7 11.5#

130 1.8 17.8 26.6#



#16

4-Methylphenol

Concen: 4.795 ng/ul

RT: 9.32 min Scan# 1001

Delta R.T. 0.14 min

Lab File: BN000508.D

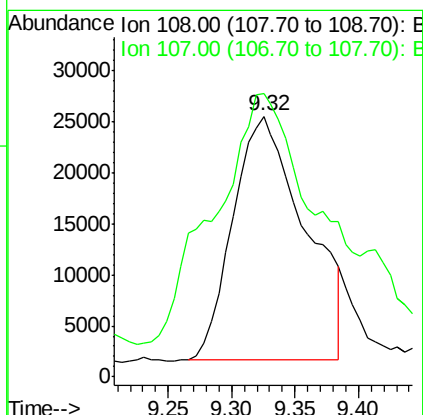
Acq: 21 Mar 2018 00:11

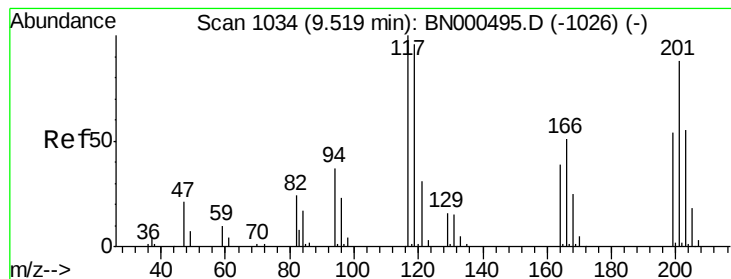
Tgt Ion: 108 Resp: 93836

Ion Ratio Lower Upper

108 100

107 108.7 93.6 140.4





#17

Hexachloroethane

Concen: 77.348 ng/ul

RT: 9.57 min Scan# 1043

Delta R.T. 0.05 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

ClientSampled :

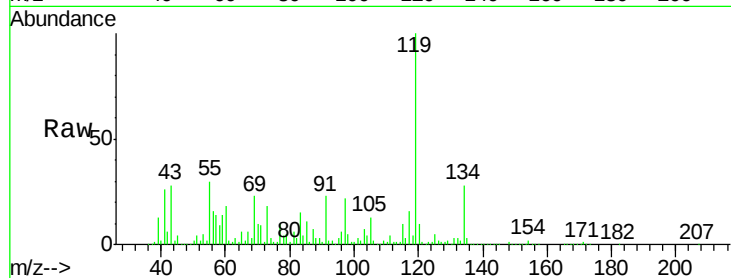
Tot Ion:117 Resp: 608685

Ion Ratio Lower Upper

117 100

201 0.0 96.1 144.1#

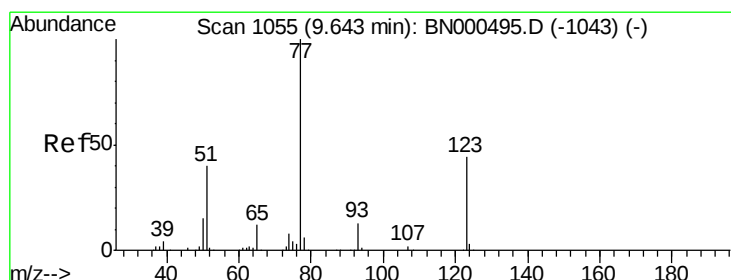
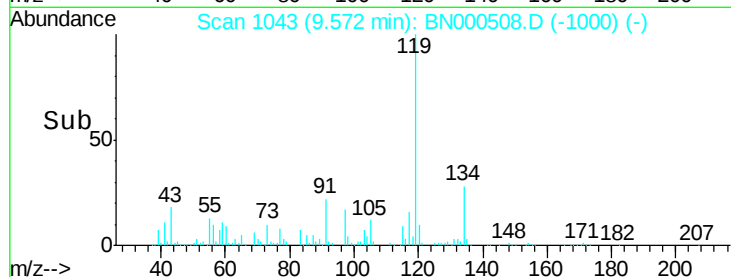
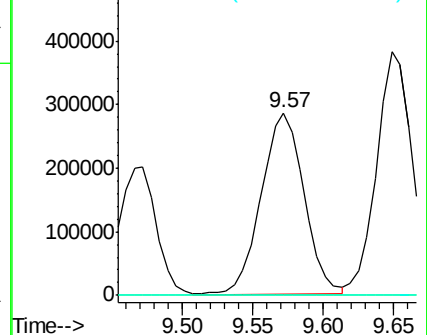
199 0.0 59.7 89.5#



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: 6.952 ng/ul

RT: 9.65 min Scan# 1057

Delta R.T. 0.01 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

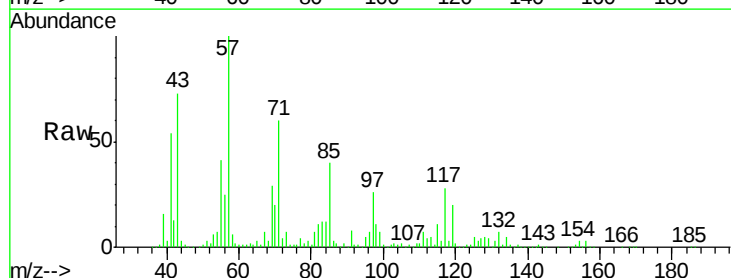
Tgt Ion: 77 Resp: 77820

Ion Ratio Lower Upper

77 100

123 18.2 31.8 47.8#

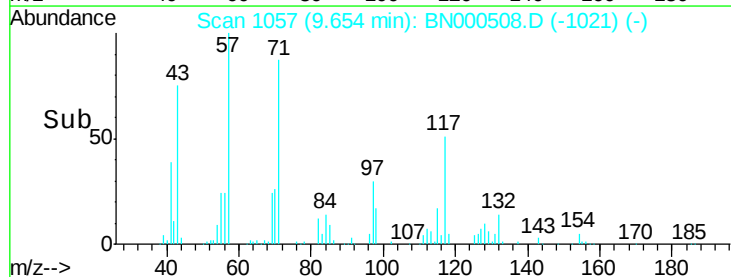
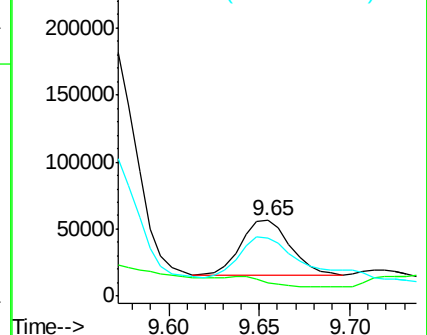
65 76.2 10.6 16.0#

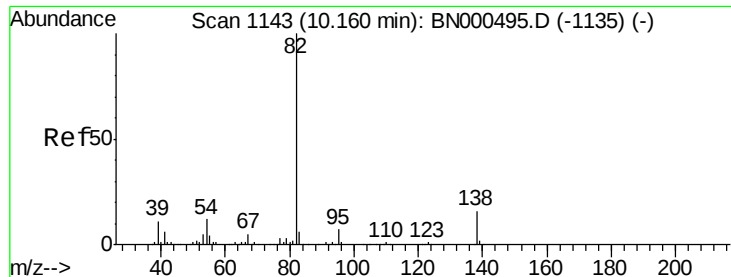


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 145.946 ng/ul

RT: 10.22 min Scan# 1153

Delta R.T. 0.06 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

ClientSampleId :

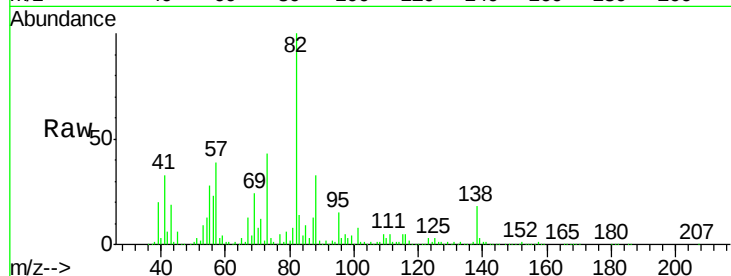
Tot Ion: 82 Resp: 3114340

Ion Ratio Lower Upper

82 100

95 15.2 6.1 9.1#

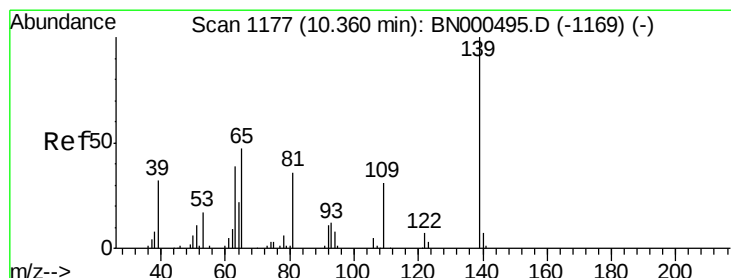
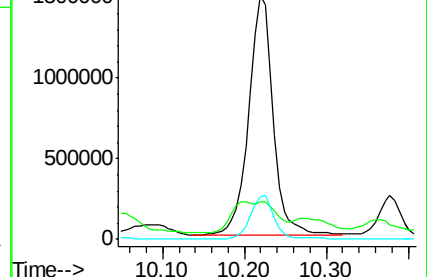
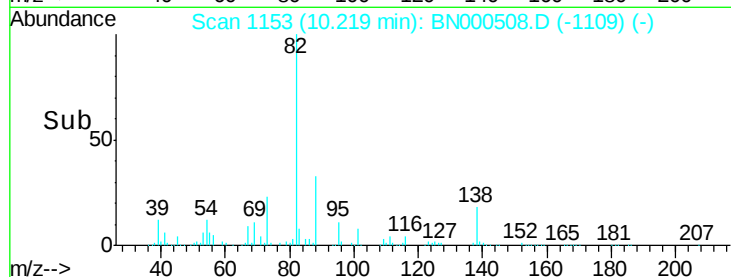
138 17.6 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BN000495.D (-1135) (-)

Ion 95.00 (94.70 to 95.70): BN000495.D (-1135) (-)

Ion 138.00 (137.70 to 138.70): BN000495.D (-1135) (-)



#23

2-Nitrophenol

Concen: 3.884 ng/ul

RT: 10.38 min Scan# 1180

Delta R.T. 0.02 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

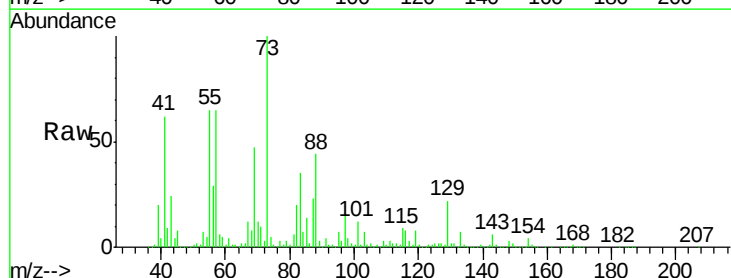
Tgt Ion:139 Resp: 19621

Ion Ratio Lower Upper

139 100

65 274.7 45.3 67.9#

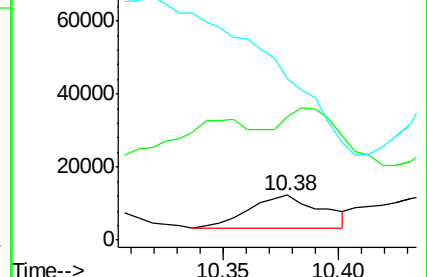
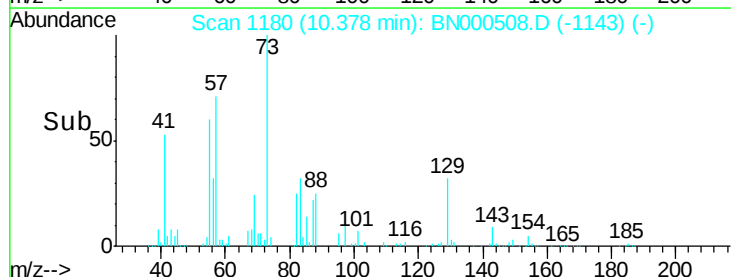
109 361.1 27.7 41.5#

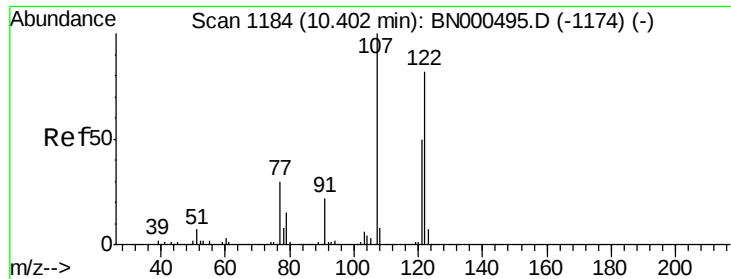


Abundance Ion 139.00 (138.70 to 139.70): BN000495.D (-1169) (-)

Ion 65.00 (64.70 to 65.70): BN000495.D (-1169) (-)

Ion 109.00 (108.70 to 109.70): BN000495.D (-1169) (-)

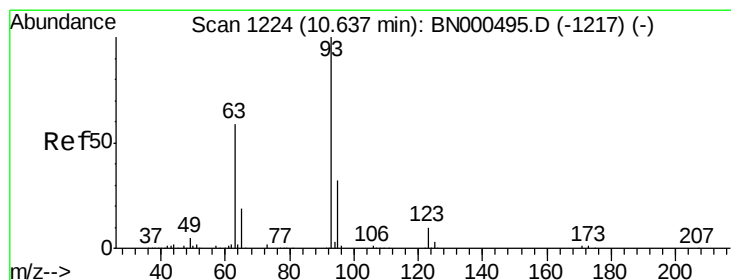
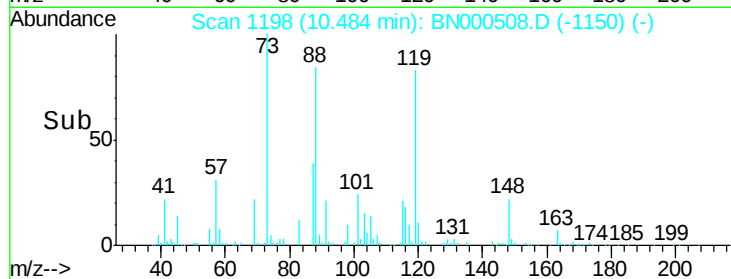
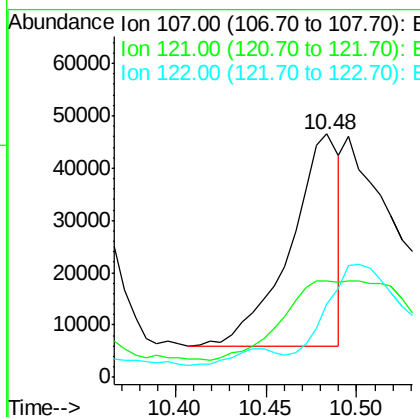
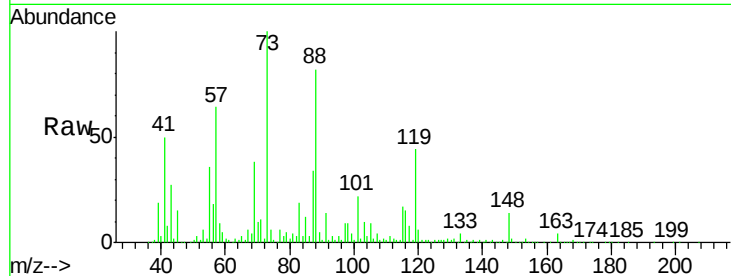




#24
 2,4-Dimethylphenol
 Concen: 7.029 ng/ul
 RT: 10.48 min Scan# 1198
 Delta R.T. 0.08 min
 Lab File: BN000508.D
 Acq: 21 Mar 2018 00:11

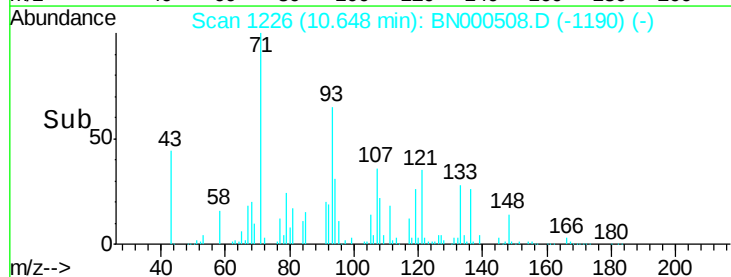
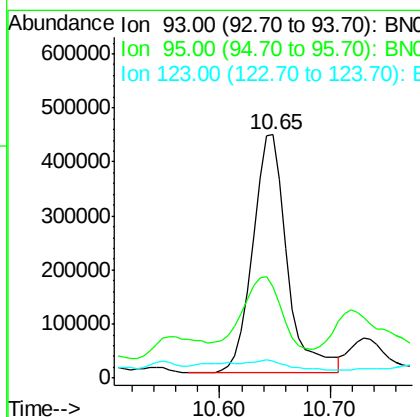
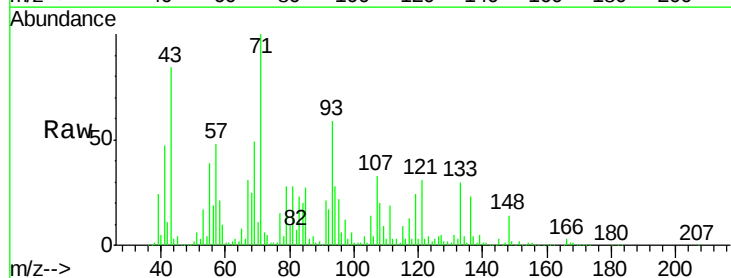
Instrument :
 BNA_N
 ClientSampled :

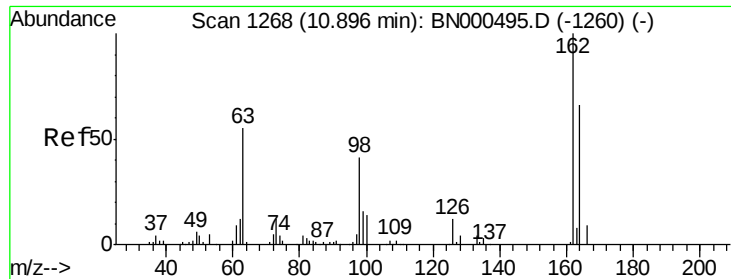
Tot Ion:107 Resp: 76495
 Ion Ratio Lower Upper
 107 100
 121 39.9 38.1 57.1
 122 30.1 63.8 95.8#



#25
 Bis(2-Chloroethoxy)methane
 Concen: 71.670 ng/ul
 RT: 10.65 min Scan# 1226
 Delta R.T. 0.01 min
 Lab File: BN000508.D
 Acq: 21 Mar 2018 00:11

Tgt Ion: 93 Resp: 965906
 Ion Ratio Lower Upper
 93 100
 95 37.5 24.7 37.1#
 123 6.8 8.2 12.2#

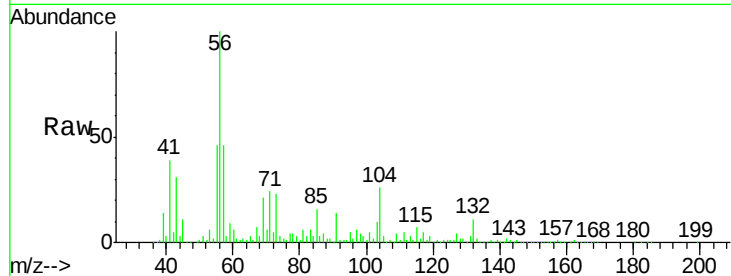




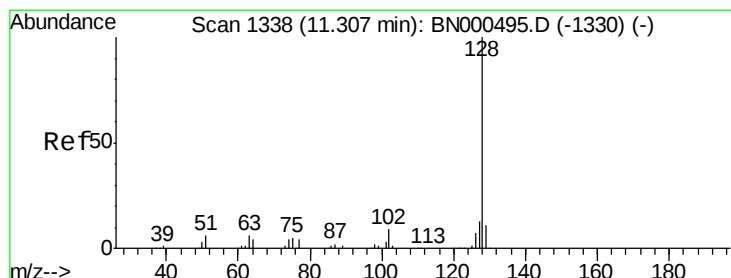
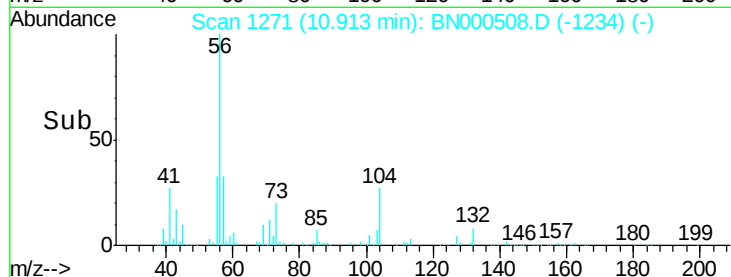
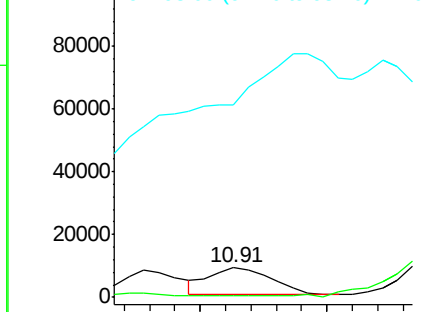
#27
2,4-Dichlorophenol
Concen: 1.828 ng/ul
RT: 10.91 min Scan# 1271
Delta R.T. 0.02 min
Lab File: BN000508.D
Acq: 21 Mar 2018 00:11

Instrument :
BNA_N
ClientSampled :

Tot Ion:162 Resp: 14936
Ion Ratio Lower Upper
162 100
164 6.2 52.0 78.0#
98 650.8 26.6 39.8#

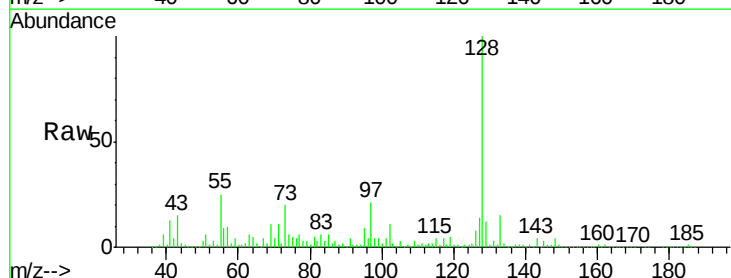


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BNC

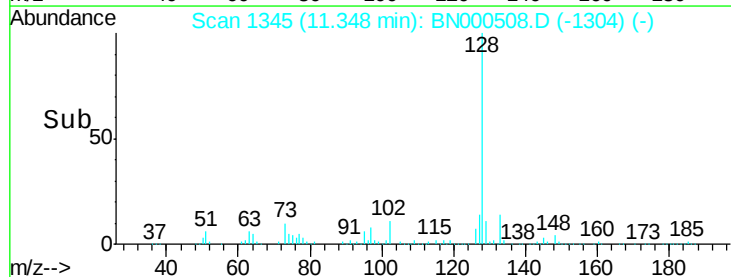
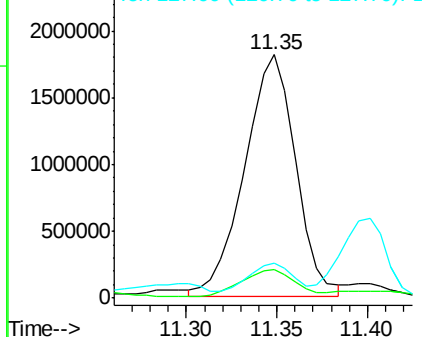


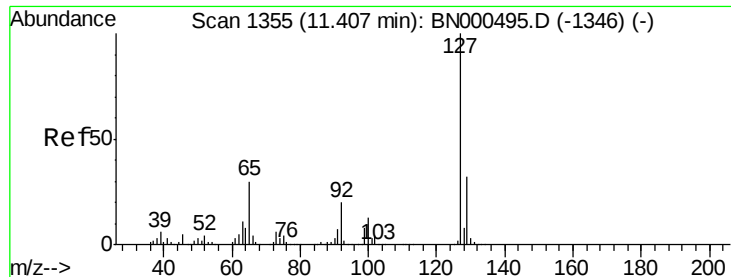
#28
Naphthalene
Concen: 120.940 ng/ul
RT: 11.35 min Scan# 1345
Delta R.T. 0.04 min
Lab File: BN000508.D
Acq: 21 Mar 2018 00:11

Tgt Ion:128 Resp: 3546027
Ion Ratio Lower Upper
128 100
129 11.9 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: 1.862 ng/ul

RT: 11.48 min Scan# 1368

Delta R.T. 0.08 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

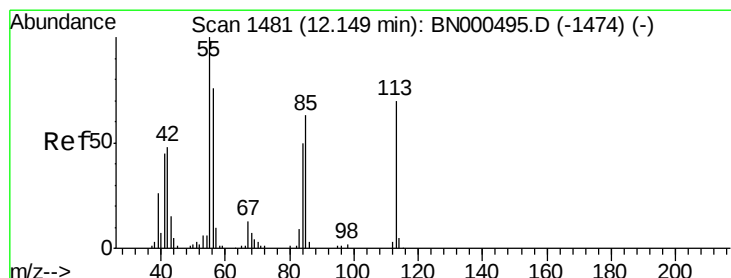
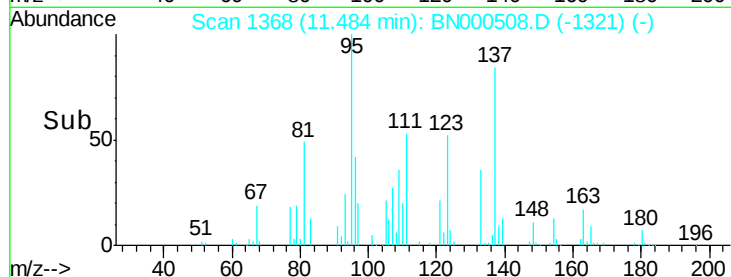
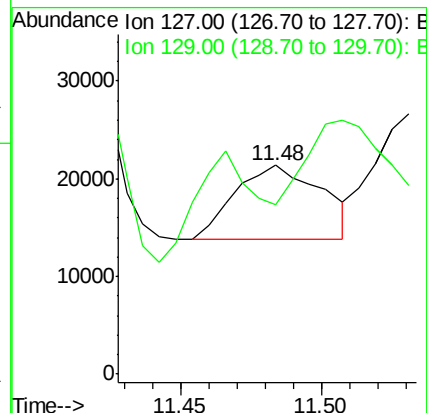
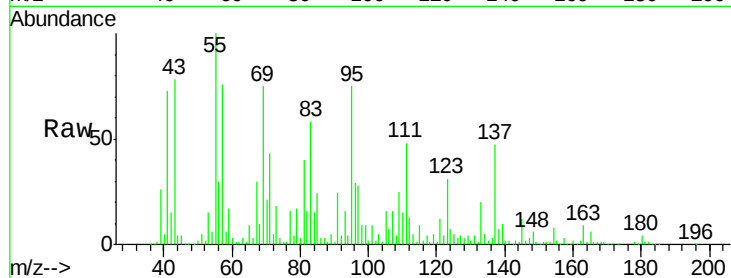
ClientSampled :

Tot Ion:127 Resp: 16332

Ion Ratio Lower Upper

127 100

129 80.9 24.6 37.0#



#32

Caprolactam

Concen: 23.357 ng/ul

RT: 12.15 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

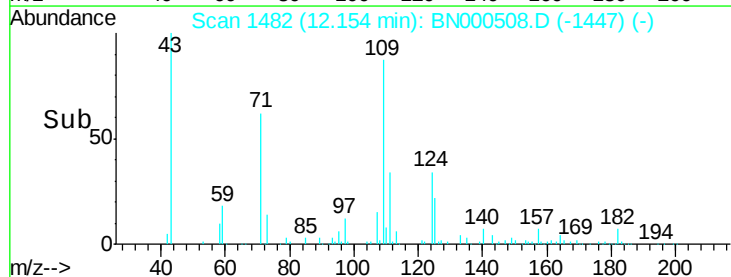
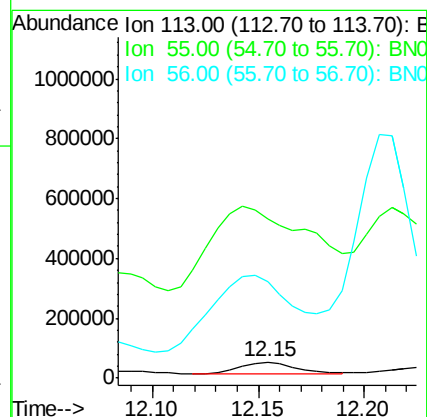
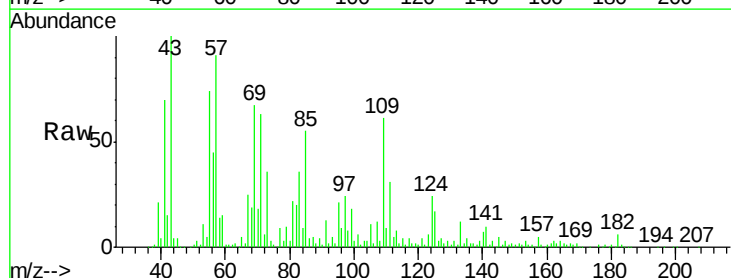
Tgt Ion:113 Resp: 69784

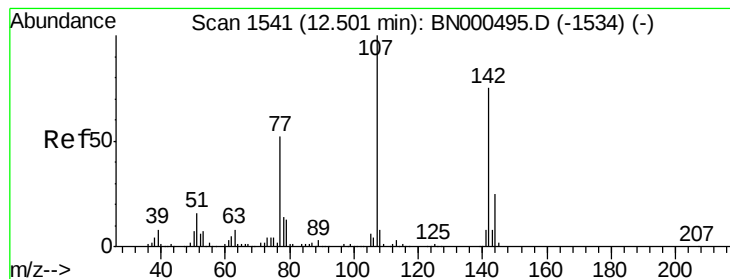
Ion Ratio Lower Upper

113 100

55 990.1 131.7 197.5#

56 600.2 92.7 139.1#





#33

4-Chloro-3-methylphenol

Concen: 4.677 ng/ul

RT: 12.56 min Scan# 1551

Delta R.T. 0.06 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

ClientSampleId :

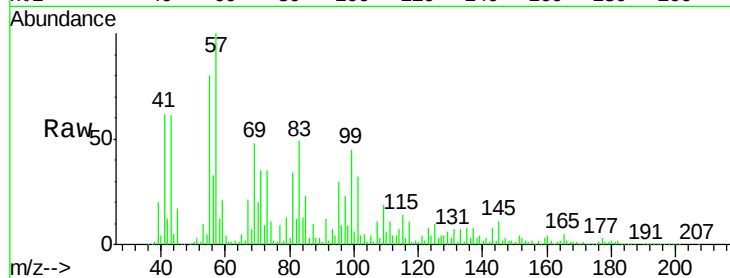
Tot Ion:107 Resp: 44941

Ion Ratio Lower Upper

107 100

144 15.0 21.1 31.7#

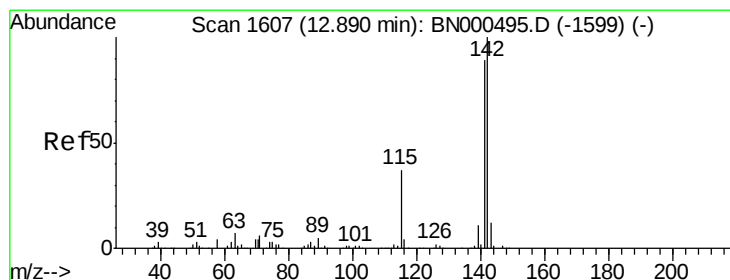
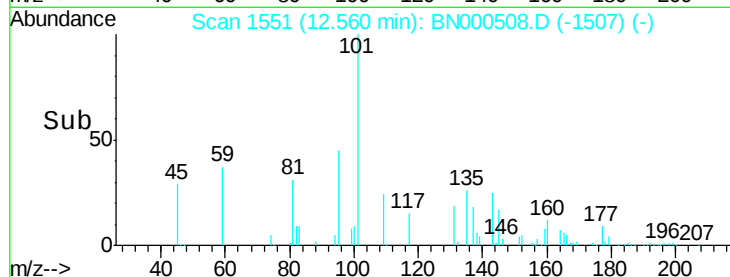
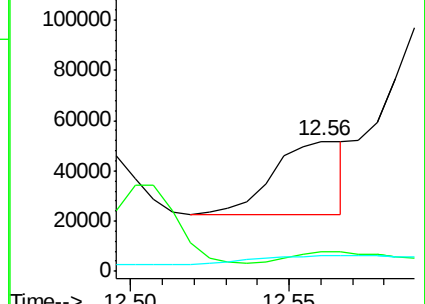
142 12.0 60.1 90.1#



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: 230.149 ng/ul

RT: 12.93 min Scan# 1614

Delta R.T. 0.04 min

Lab File: BN000508.D

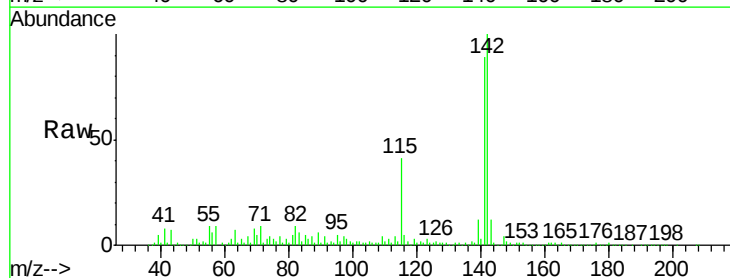
Acq: 21 Mar 2018 00:11

Tgt Ion:142 Resp: 4505287

Ion Ratio Lower Upper

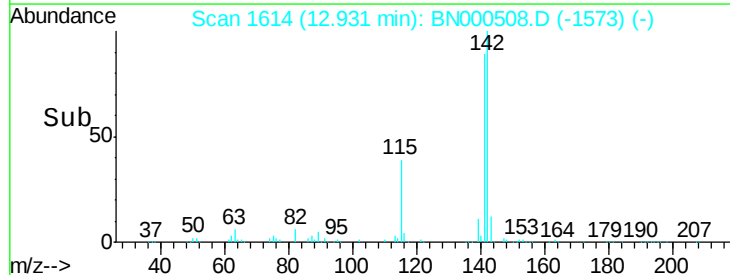
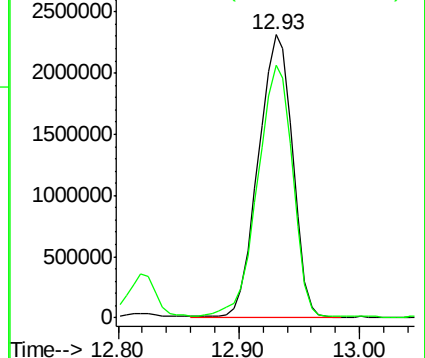
142 100

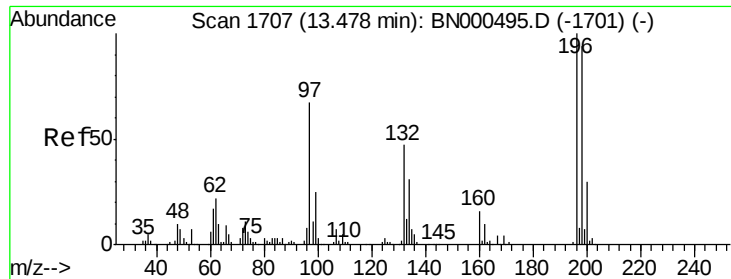
141 89.5 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

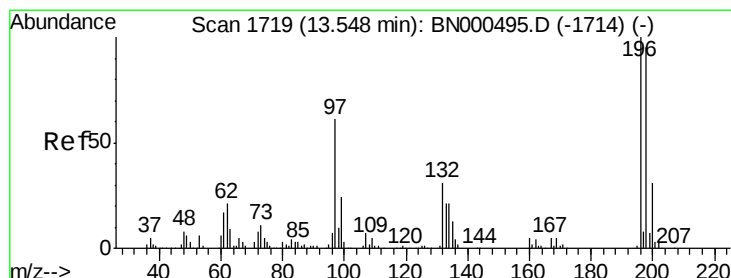
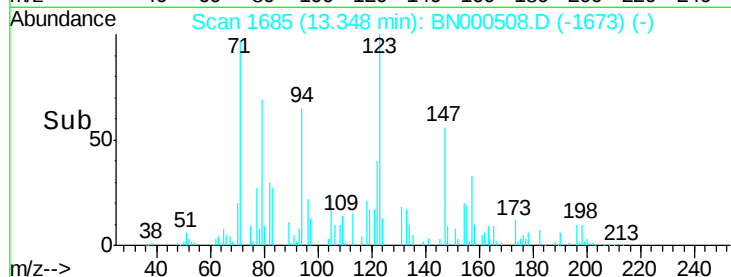
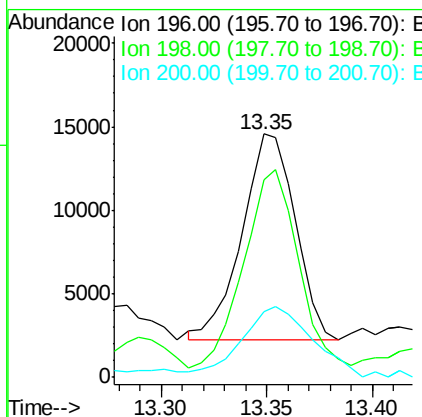
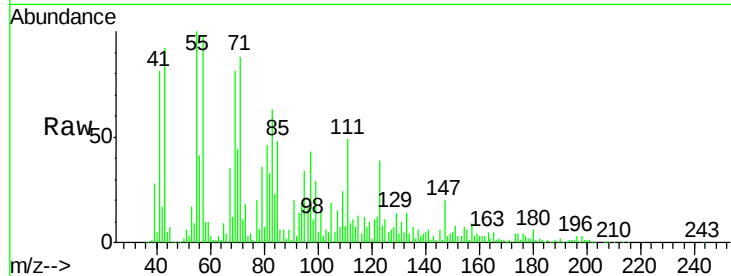




#38
 2,4,6-Trichlorophenol
 Concen: 2.813 ng/ul
 RT: 13.35 min Scan# 1685
 Delta R.T. -0.13 min
 Lab File: BN000508.D
 Acq: 21 Mar 2018 00:11

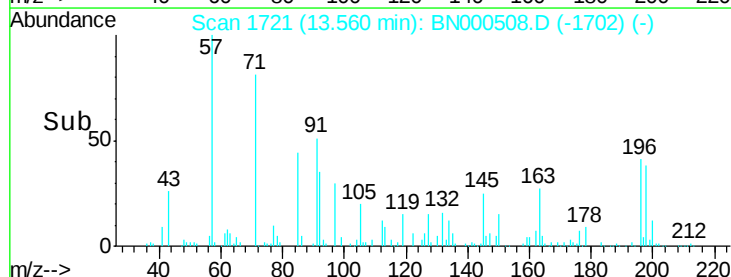
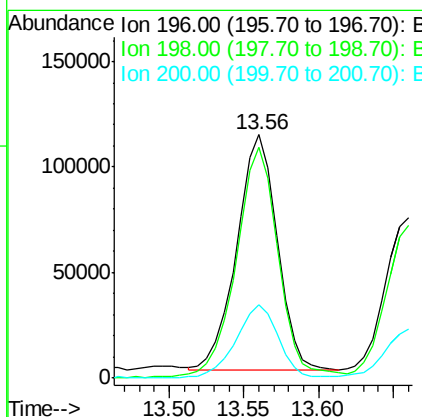
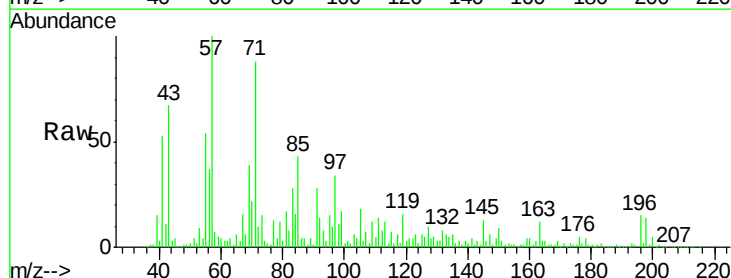
Instrument :
 BNA_N
 ClientSampleId :

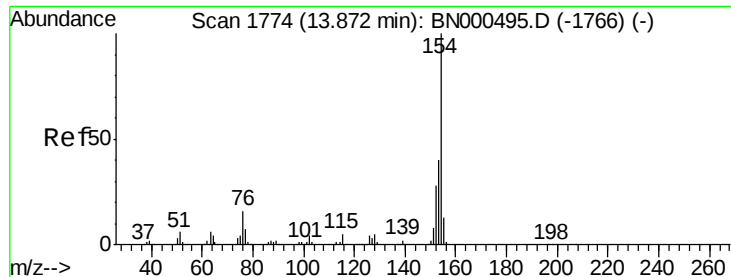
Tot Ion	196	Resp	21539
Ion Ratio	Lower	Upper	
196	100		
198	81.0	75.9	113.9
200	27.0	25.8	38.6



#39
 2,4,5-Trichlorophenol
 Concen: 26.154 ng/ul
 RT: 13.56 min Scan# 1721
 Delta R.T. 0.01 min
 Lab File: BN000508.D
 Acq: 21 Mar 2018 00:11

Tgt Ion	196	Resp	208805
Ion Ratio	Lower	Upper	
196	100		
198	95.0	74.7	112.1
200	30.3	25.4	38.0





#40

1,1'-Biphenyl

Concen: 14.251 ng/ul

RT: 13.90 min Scan# 1779

Delta R.T. 0.03 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

ClientSampleId :

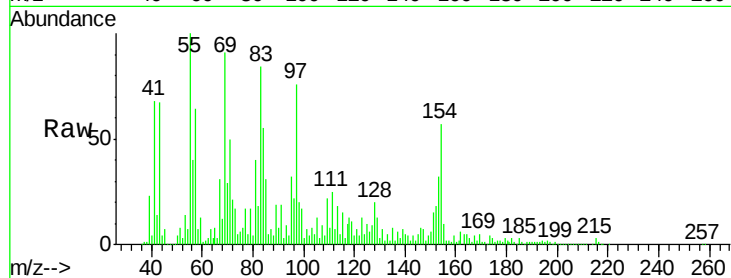
Tot Ion:154 Resp: 455811

Ion Ratio Lower Upper

154 100

153 56.1 34.0 51.0#

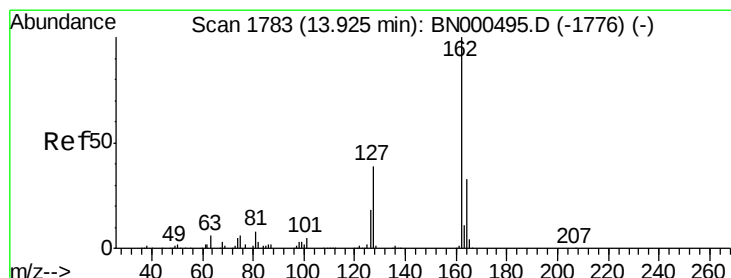
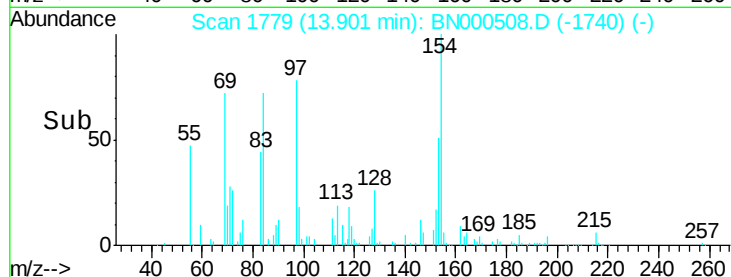
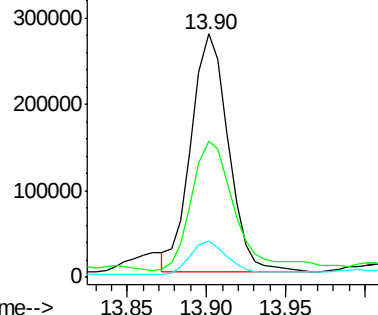
76 14.7 8.4 12.6#



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



#41

2-Chloronaphthalene

Concen: 1.851 ng/ul

RT: 13.91 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

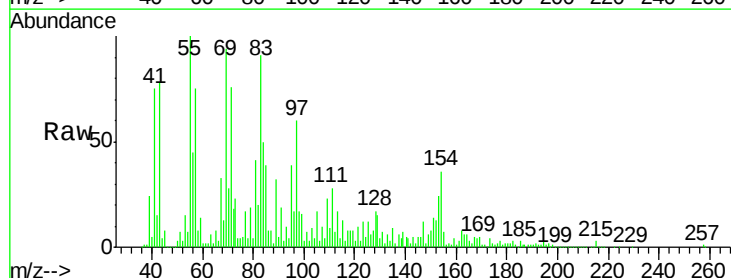
Tgt Ion:162 Resp: 45639

Ion Ratio Lower Upper

162 100

164 77.7 26.2 39.4#

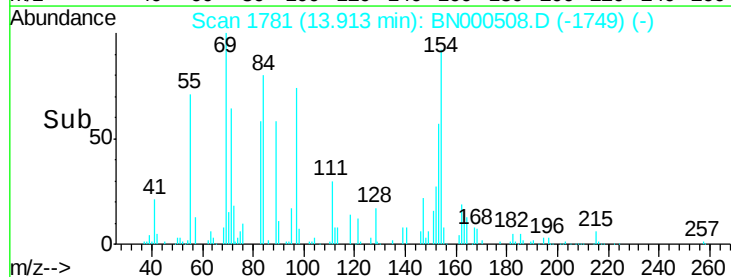
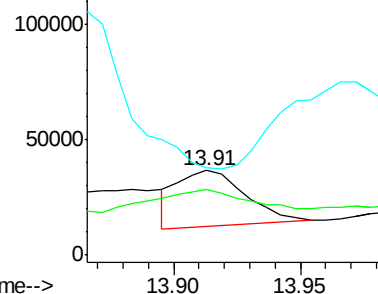
127 104.0 29.5 44.3#

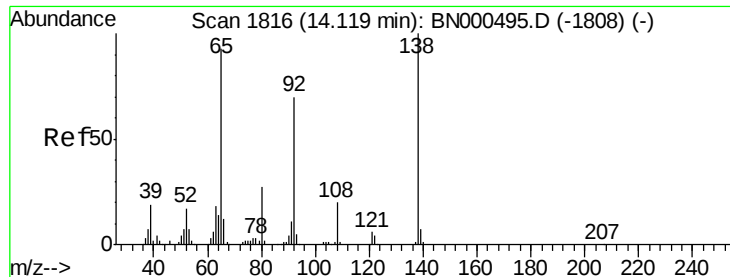


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E

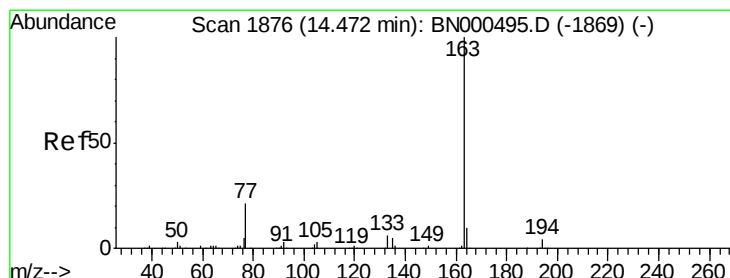
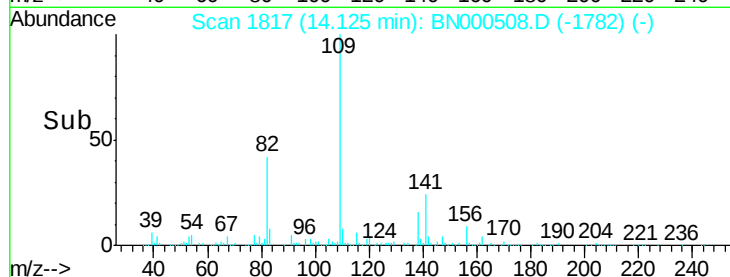
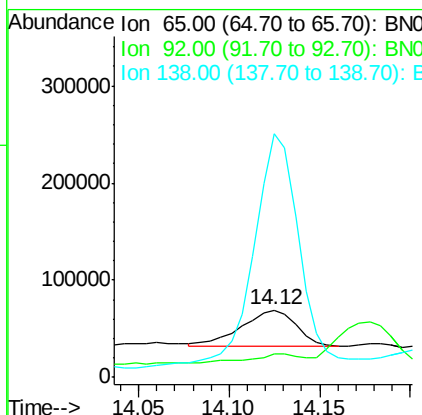
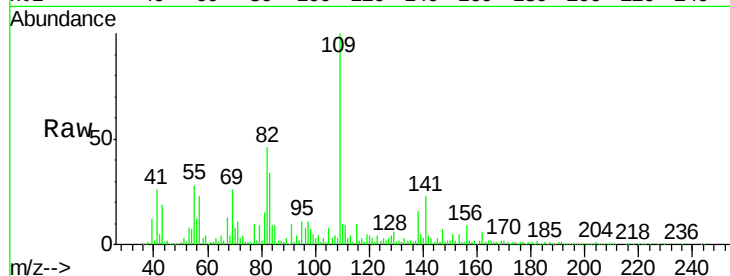




#42
2-Nitroaniline
Concen: 10.873 ng/ul
RT: 14.12 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BN000508.D
Acq: 21 Mar 2018 00:11

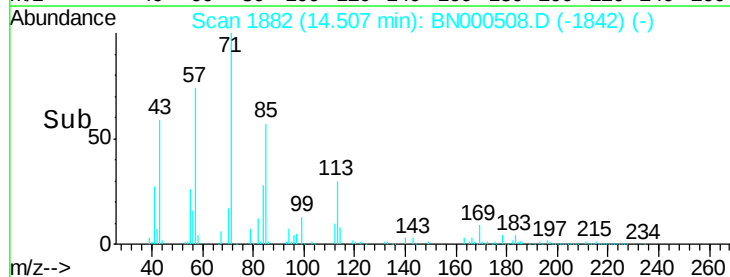
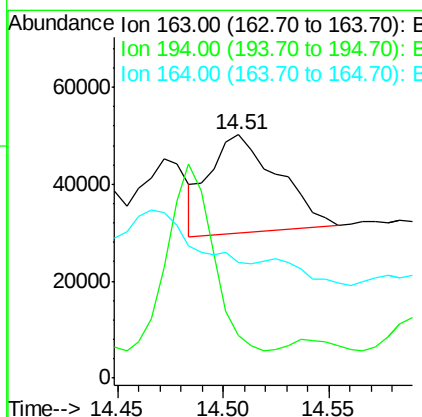
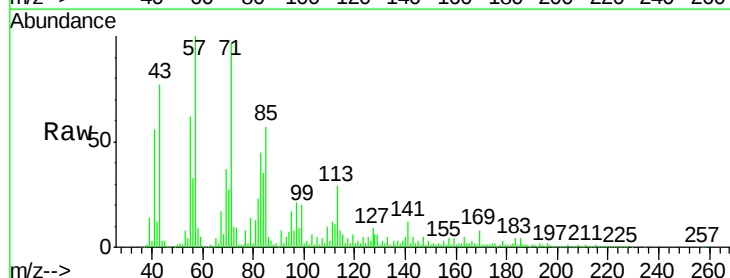
Instrument :
BNA_N
ClientSampleId :

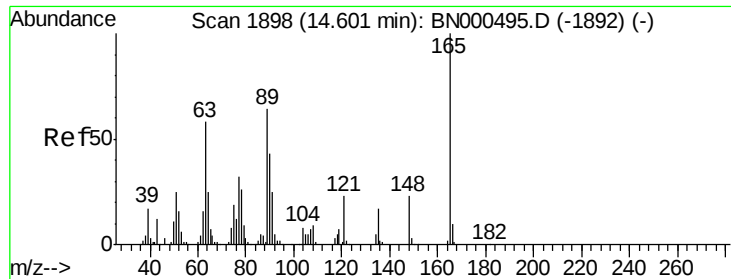
Tot Ion: 65 Resp: 81224
Ion Ratio Lower Upper
65 100
92 34.7 57.0 85.4#
138 363.4 87.2 130.8#



#44
Dimethylphthalate
Concen: 1.550 ng/ul
RT: 14.51 min Scan# 1882
Delta R.T. 0.04 min
Lab File: BN000508.D
Acq: 21 Mar 2018 00:11

Tgt Ion:163 Resp: 45502
Ion Ratio Lower Upper
163 100
194 17.4 4.0 6.0#
164 47.3 8.4 12.6#





#45

2,6-Dinitrotoluene

Concen: 8.403 ng/ul

RT: 14.67 min Scan# 1909

Delta R.T. 0.06 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

ClientSampled :

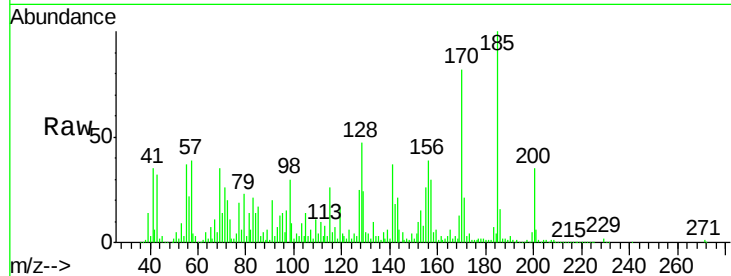
Tot Ion:165 Resp: 49719

Ion Ratio Lower Upper

165 100

89 94.7 43.8 65.8#

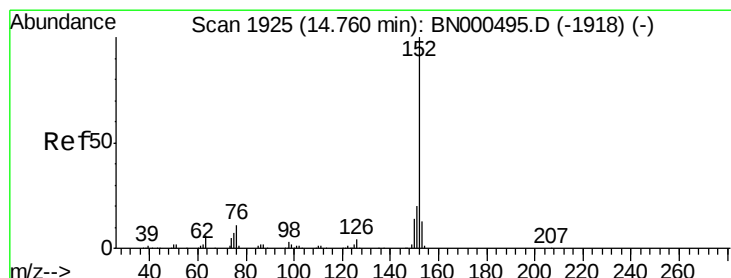
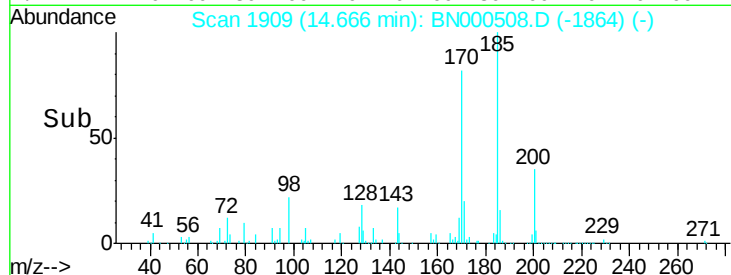
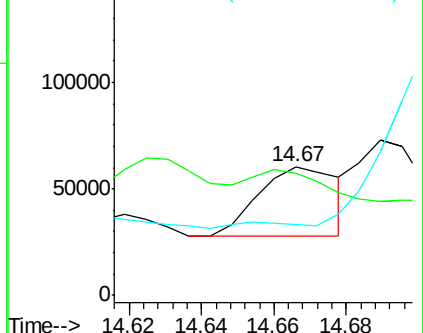
121 54.8 17.8 26.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNO

Ion 121.00 (120.70 to 121.70): E



#47

Acenaphthylene

Concen: 2.554 ng/ul

RT: 14.79 min Scan# 1930

Delta R.T. 0.03 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

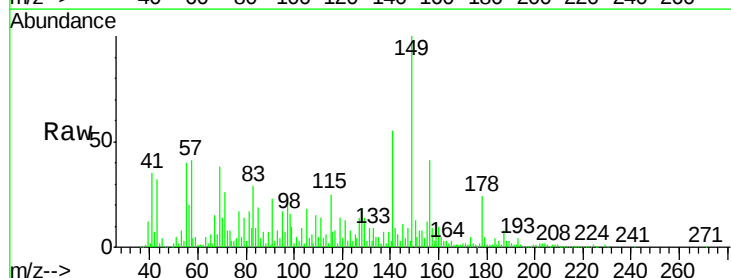
Tgt Ion:152 Resp: 97972

Ion Ratio Lower Upper

152 100

151 63.7 16.1 24.1#

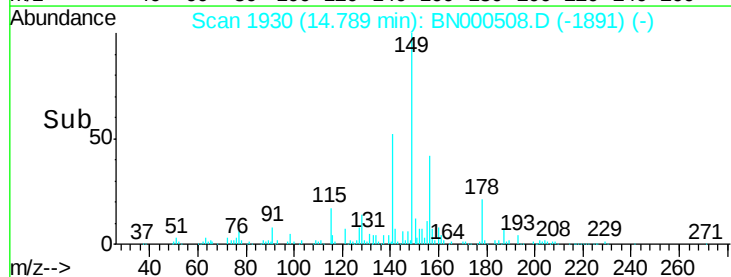
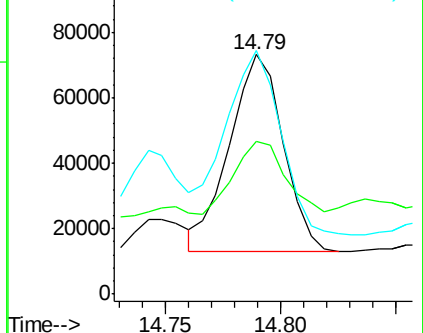
153 101.7 10.8 16.2#

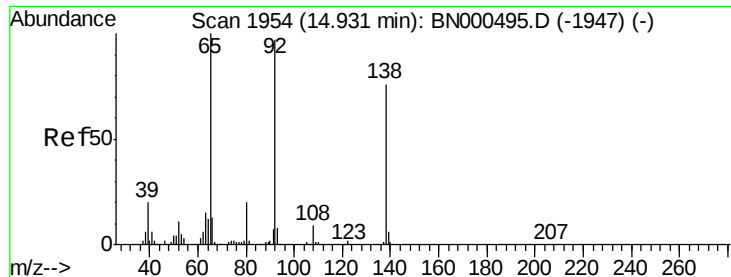


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#48

3-Nitroaniline

Concen: 2.763 ng/ul

RT: 14.96 min Scan# 1959

Delta R.T. 0.03 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

ClientSampleId :

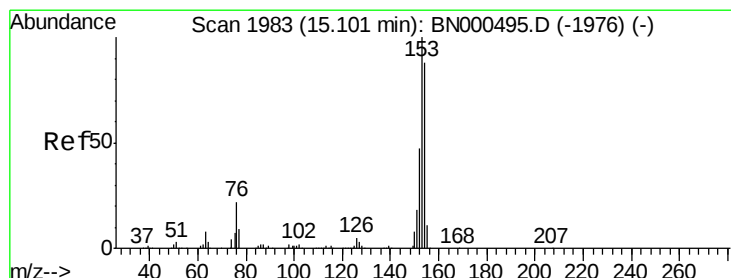
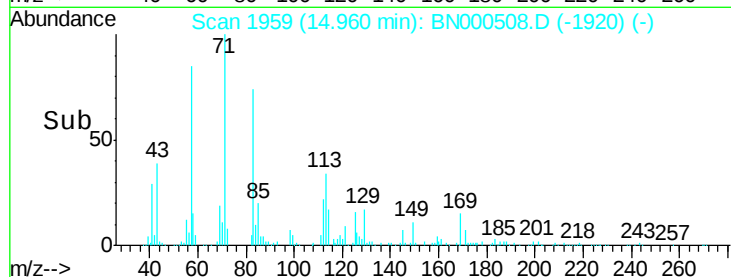
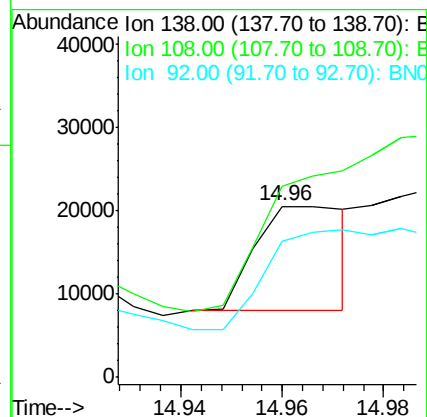
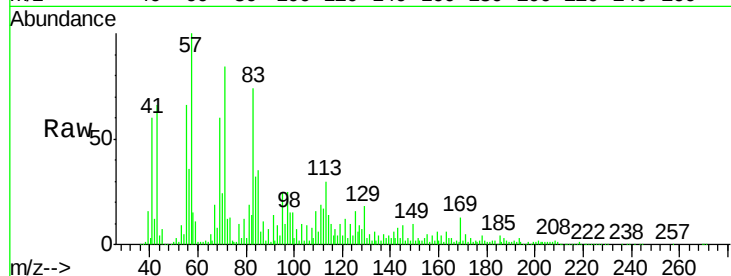
Tot Ion:138 Resp: 15784

Ion Ratio Lower Upper

138 100

108 111.8 7.6 11.4#

92 79.6 94.2 141.2#



#49

Acenaphthene

Concen: 9.470 ng/ul

RT: 15.13 min Scan# 1988

Delta R.T. 0.03 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

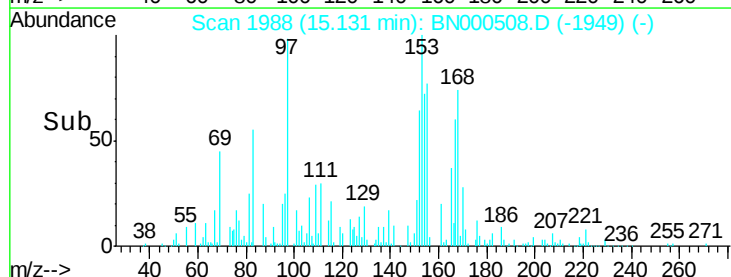
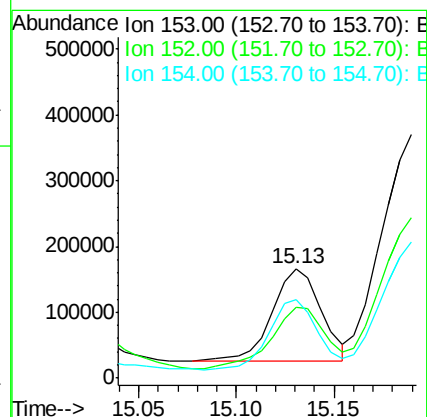
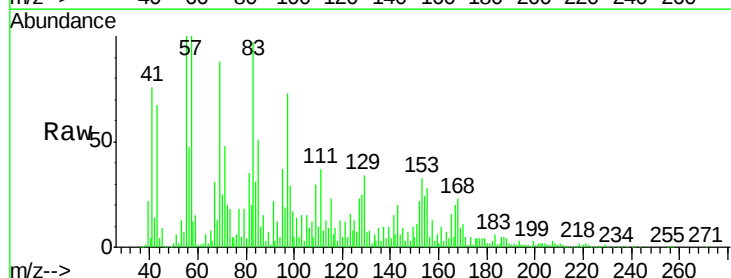
Tgt Ion:153 Resp: 247712

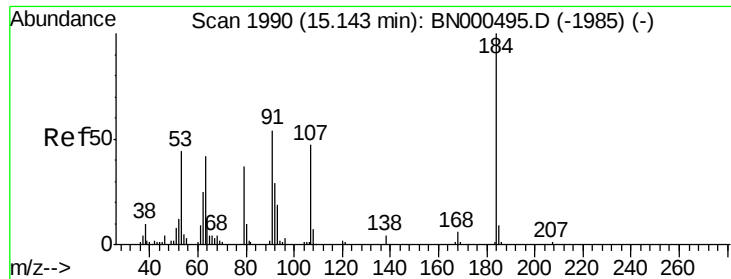
Ion Ratio Lower Upper

153 100

152 65.1 37.9 56.9#

154 72.3 69.8 104.6

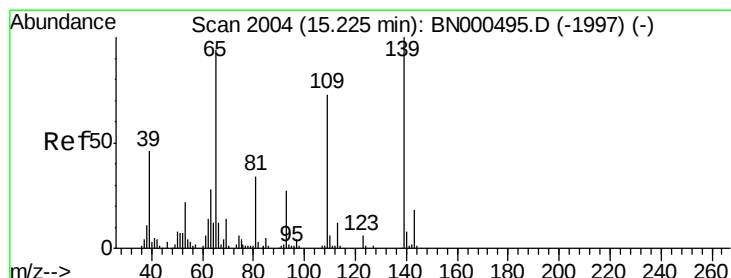
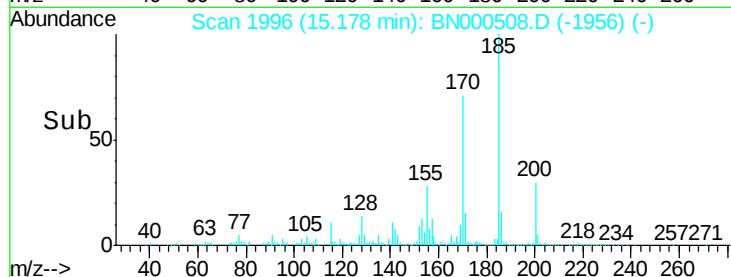
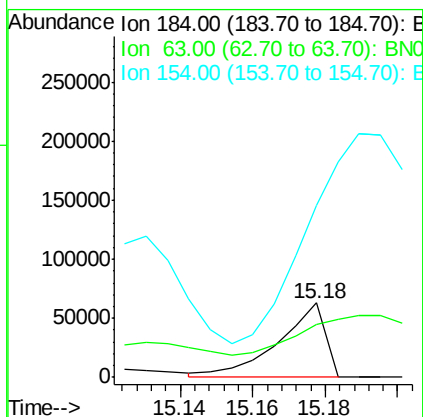
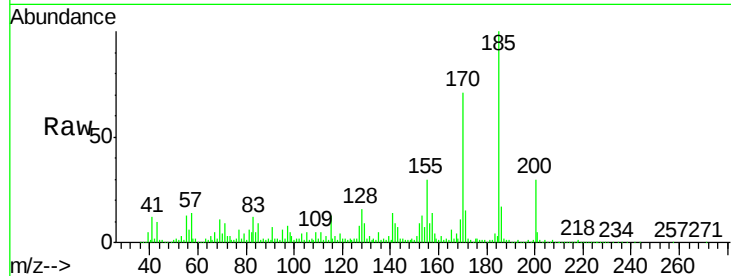




#50
 2,4-Dinitrophenol
 Concen: 20.278 ng/ul
 RT: 15.18 min Scan# 1996
 Delta R.T. 0.04 min
 Lab File: BN000508.D
 Acq: 21 Mar 2018 00:11

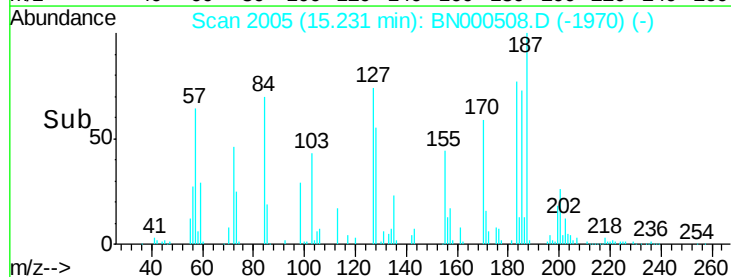
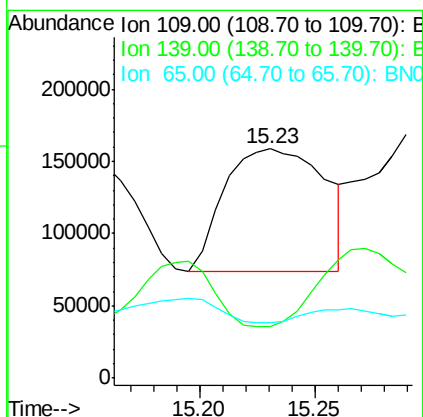
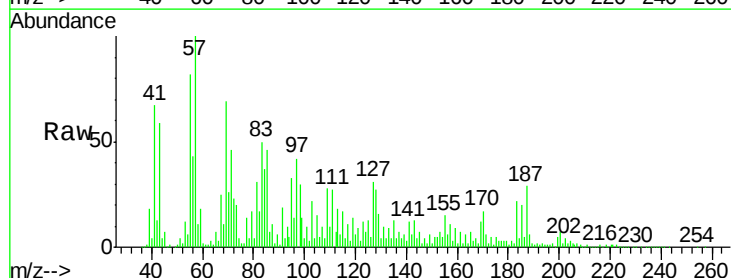
Instrument :
 BNA_N
 ClientSampleId :

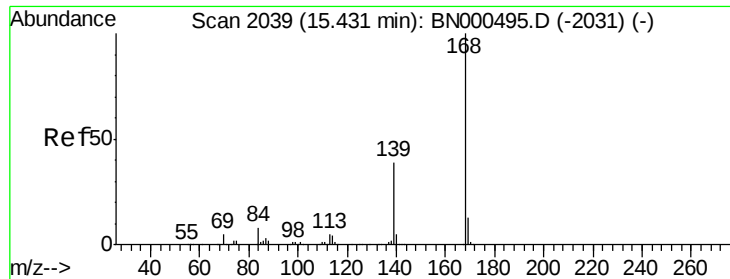
Tot Ion:184 Resp: 56605
 Ion Ratio Lower Upper
 184 100
 63 70.2 39.7 59.5#
 154 230.9 45.0 67.6#



#52
 4-Nitrophenol
 Concen: 59.998 ng/ul
 RT: 15.23 min Scan# 2005
 Delta R.T. 0.01 min
 Lab File: BN000508.D
 Acq: 21 Mar 2018 00:11

Tgt Ion:109 Resp: 255560
 Ion Ratio Lower Upper
 109 100
 139 22.8 91.2 136.8#
 65 24.0 92.6 139.0#

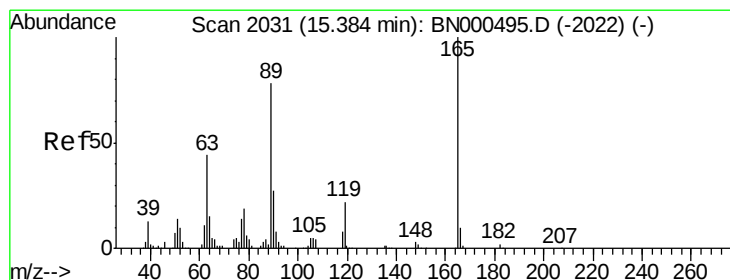
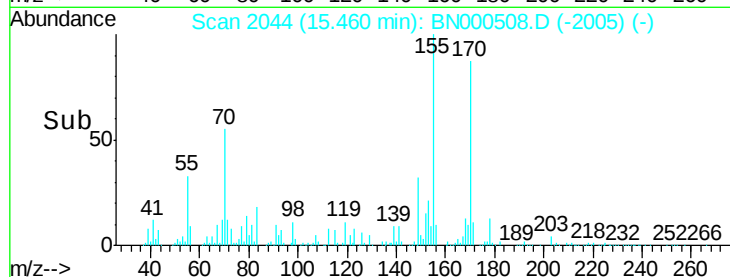
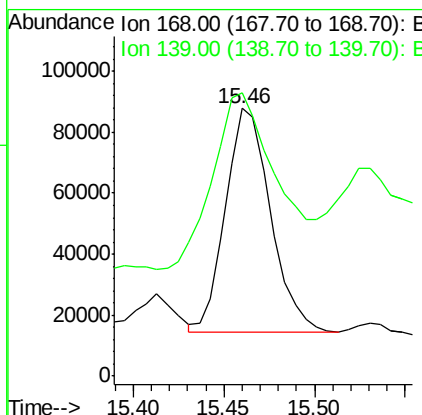
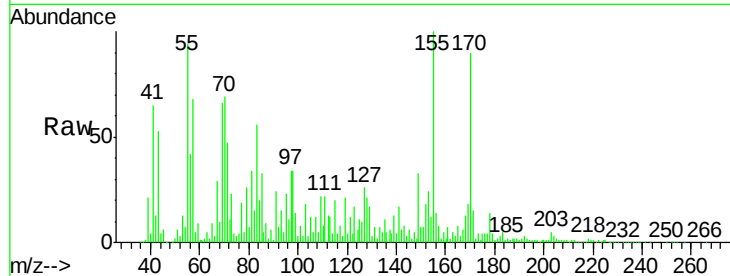




#53
Dibenzofuran
Concen: 3.557 ng/ul
RT: 15.46 min Scan# 2044
Delta R.T. 0.03 min
Lab File: BN000508.D
Acq: 21 Mar 2018 00:11

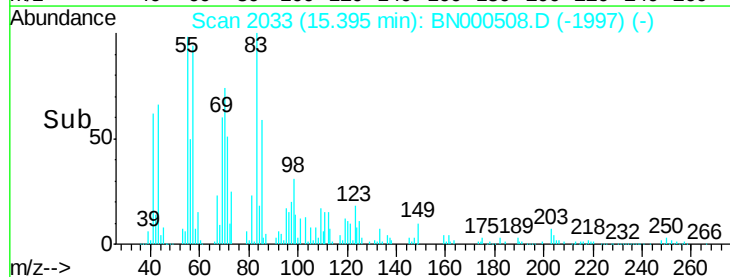
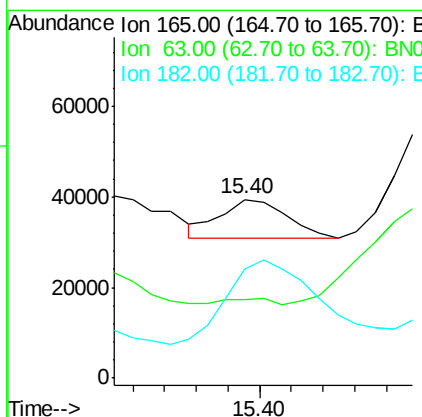
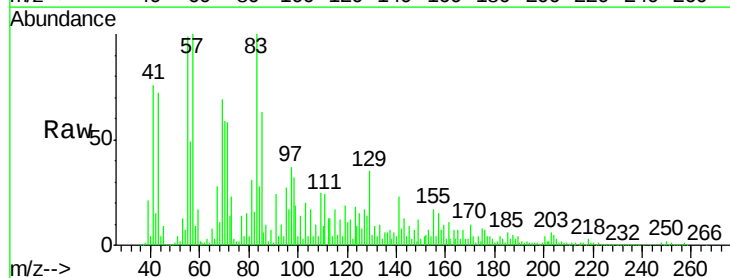
Instrument :
BNA_N
ClientSampleId :

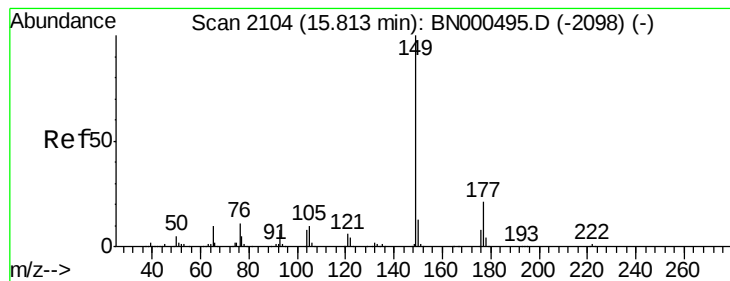
Tot Ion:168 Resp: 126376
Ion Ratio Lower Upper
168 100
139 105.8 31.0 46.4#



#54
2,4-Dinitrotoluene
Concen: 1.473 ng/ul
RT: 15.40 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BN000508.D
Acq: 21 Mar 2018 00:11

Tgt Ion:165 Resp: 12353
Ion Ratio Lower Upper
165 100
63 44.1 31.4 47.0
182 61.2 2.7 4.1#





#56

Diethylphthalate

Concen: 1.163 ng/ul

RT: 15.81 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

ClientSampled :

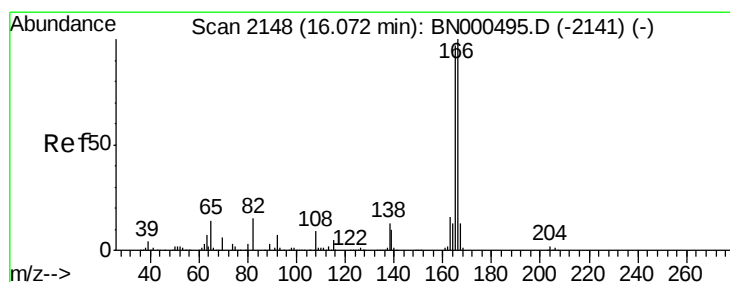
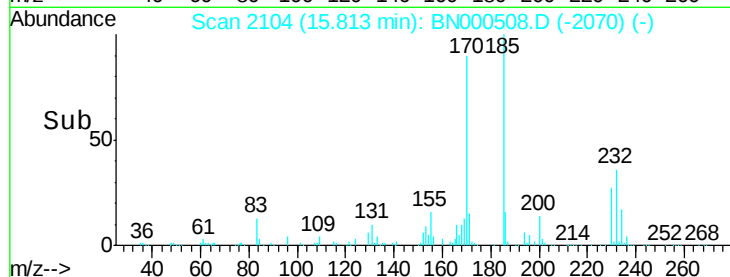
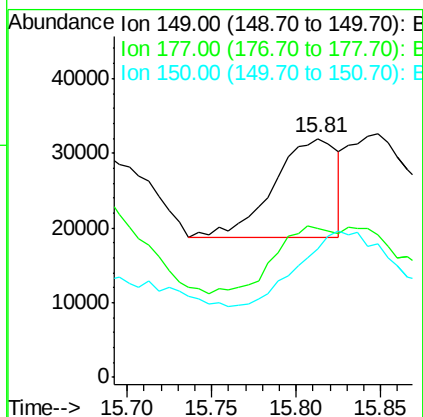
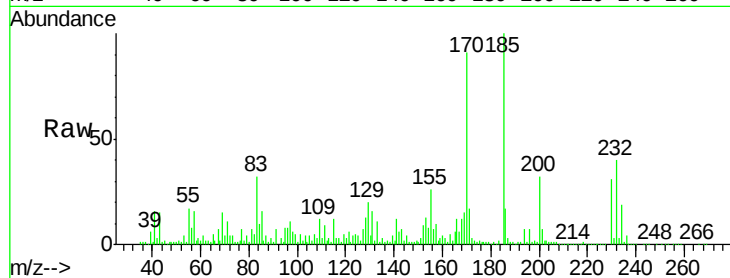
Tot Ion:149 Resp: 34861

Ion Ratio Lower Upper

149 100

177 62.4 19.3 28.9#

150 53.6 10.6 15.8#



#58

Fluorene

Concen: 13.465 ng/ul

RT: 16.12 min Scan# 2157

Delta R.T. 0.05 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

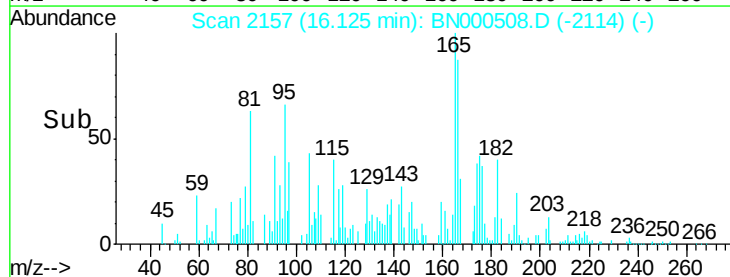
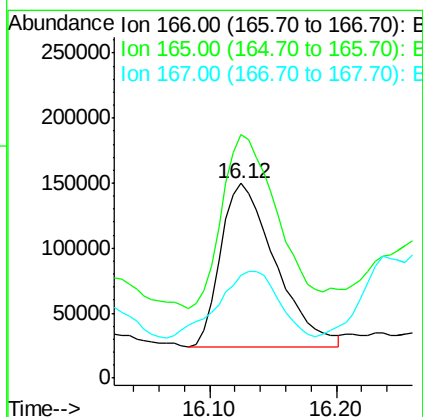
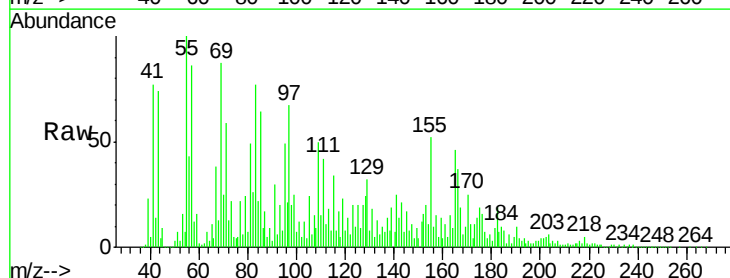
Tgt Ion:166 Resp: 380138

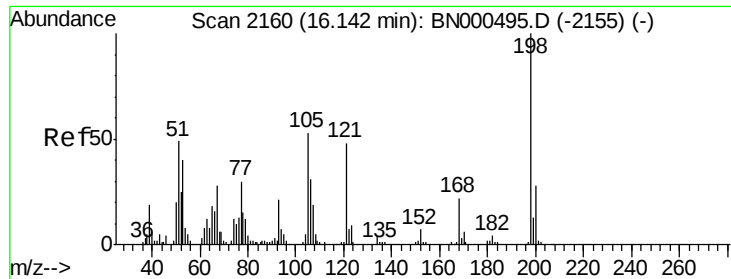
Ion Ratio Lower Upper

166 100

165 125.1 78.4 117.6#

167 52.7 11.1 16.7#





#63

4,6-Dinitro-2-methylphenol

Concen: 9578.205 ng/ul

RT: 16.24 min Scan# 2176

Delta R.T. 0.09 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

ClientSampleId :

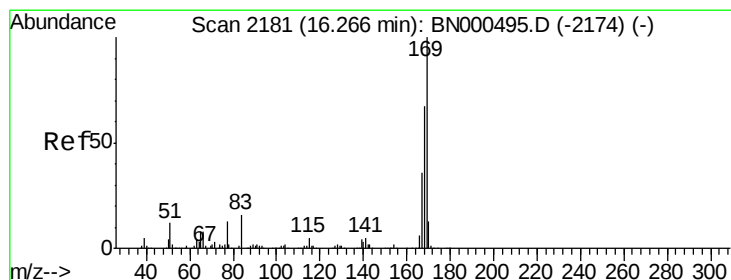
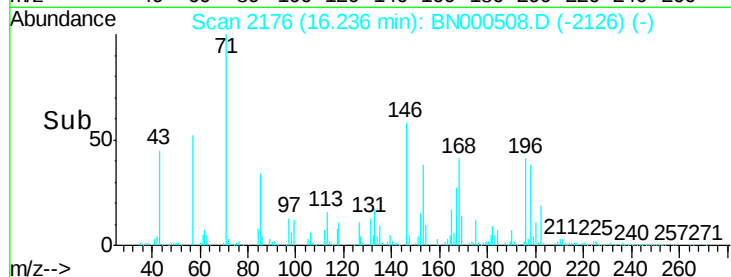
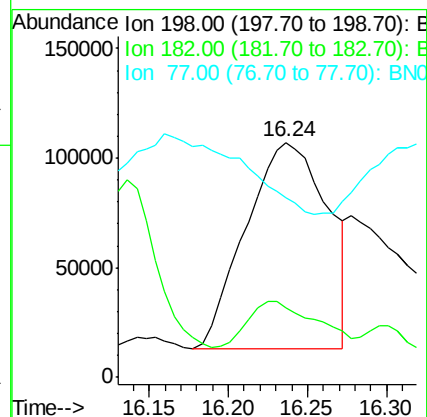
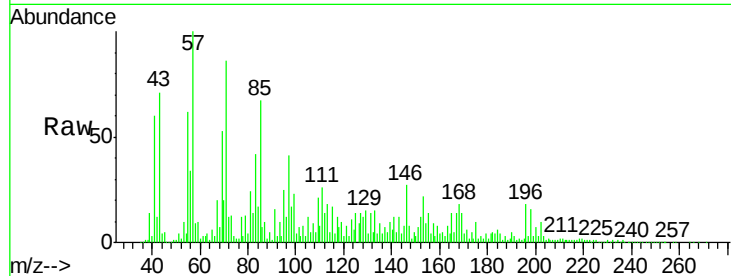
Tot Ion:198 Resp: 339247

Ion Ratio Lower Upper

198 100

182 29.4 3.5 5.3#

77 76.6 18.2 27.4#



#64

N-Nitrosodiphenylamine

Concen: 1198.618 ng/ul

RT: 16.32 min Scan# 2190

Delta R.T. 0.05 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

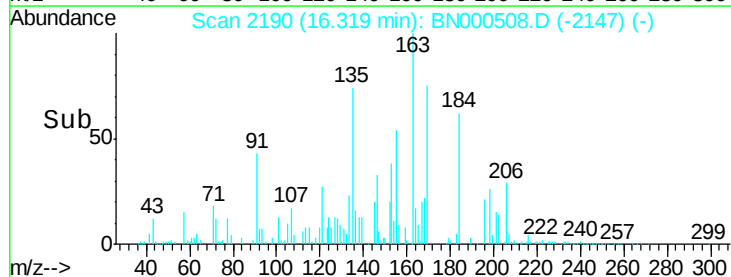
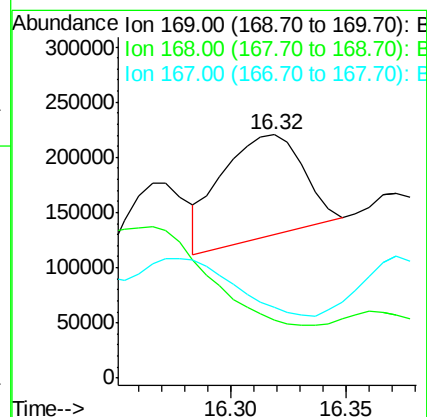
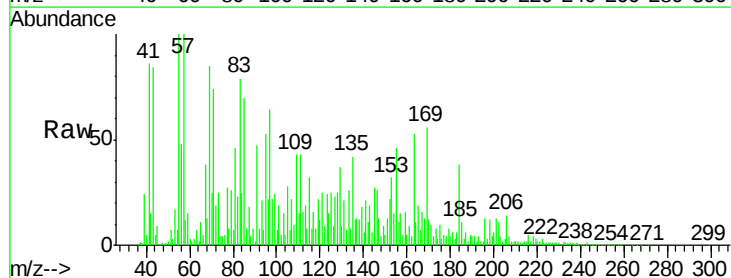
Tgt Ion:169 Resp: 231314

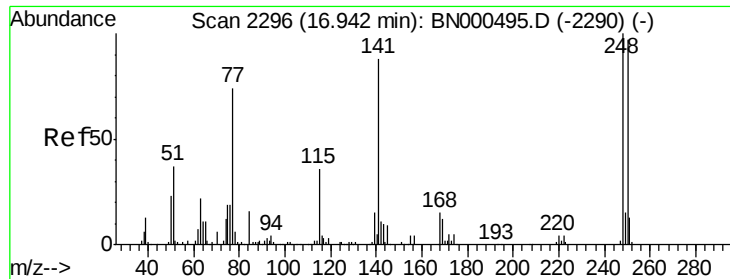
Ion Ratio Lower Upper

169 100

168 24.0 53.8 80.8#

167 28.9 29.5 44.3#

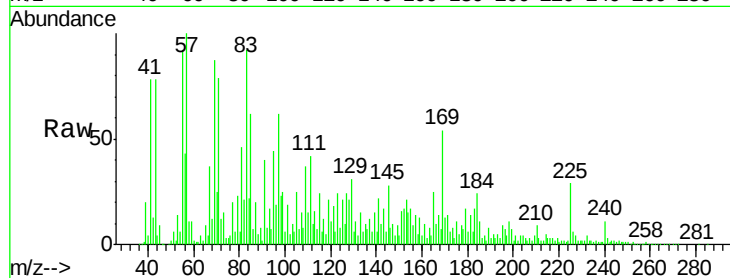




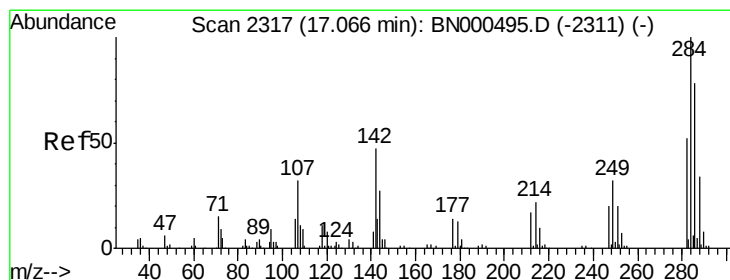
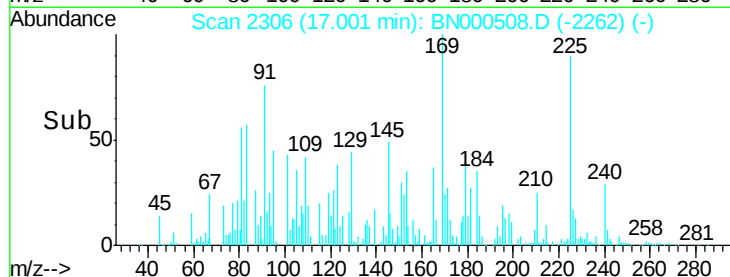
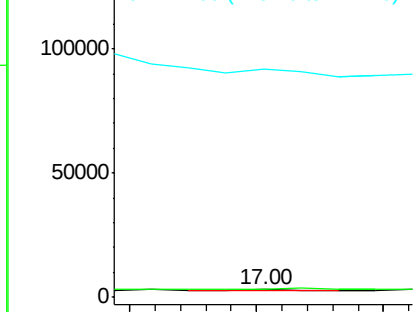
#65
4-Bromophenyl-phenylether
Concen: 4.606 ng/ul
RT: 17.00 min Scan# 2306
Delta R.T. 0.06 min
Lab File: BN000508.D
Acq: 21 Mar 2018 00:11

Instrument :
BNA_N
ClientSampled :

Tot Ion:248 Resp: 275
Ion Ratio Lower Upper
248 100
250 110.2 79.0 118.4
141 2937.9 51.9 77.9#

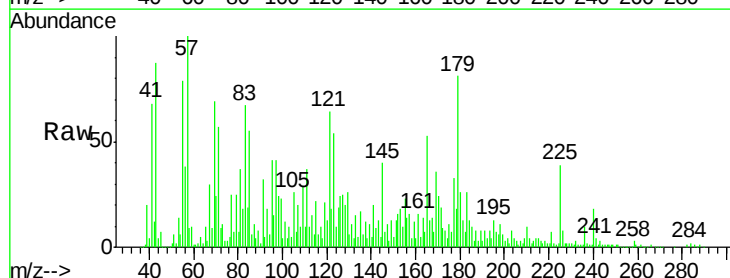


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

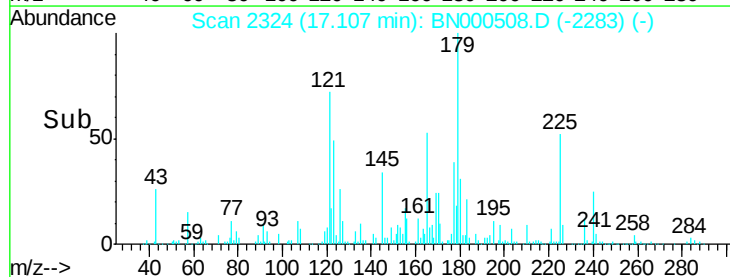
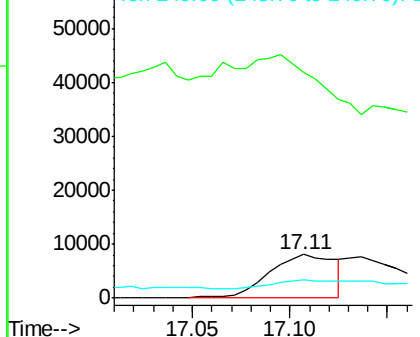


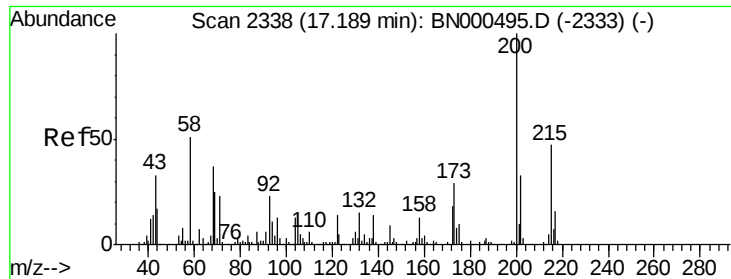
#66
Hexachlorobenzene
Concen: 304.405 ng/ul
RT: 17.11 min Scan# 2324
Delta R.T. 0.04 min
Lab File: BN000508.D
Acq: 21 Mar 2018 00:11

Tgt Ion:284 Resp: 19192
Ion Ratio Lower Upper
284 100
142 518.2 21.3 31.9#
249 41.1 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

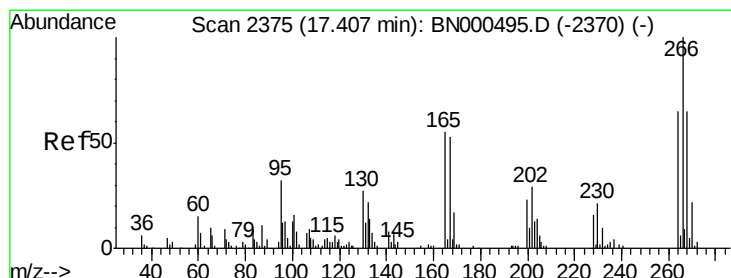
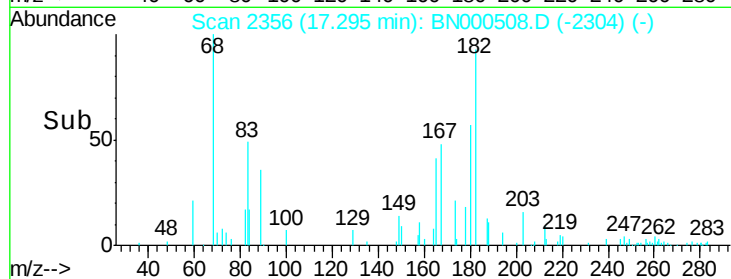
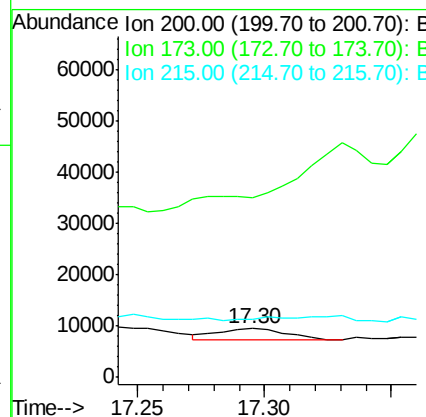
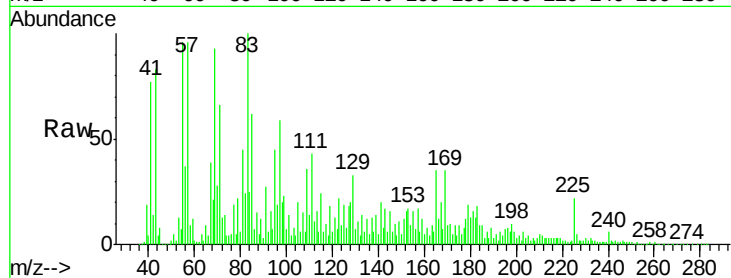




#67
 Atrazine
 Concen: 76.884 ng/ul
 RT: 17.30 min Scan# 2356
 Delta R.T. 0.11 min
 Lab File: BN000508.D
 Acq: 21 Mar 2018 00:11

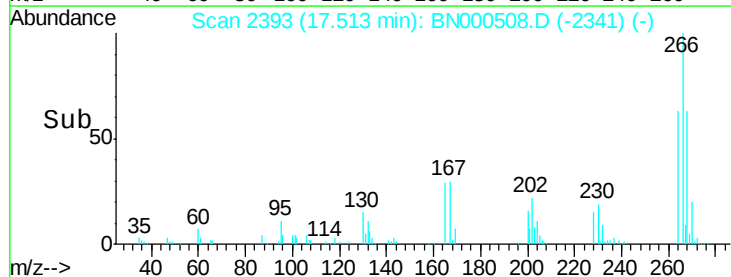
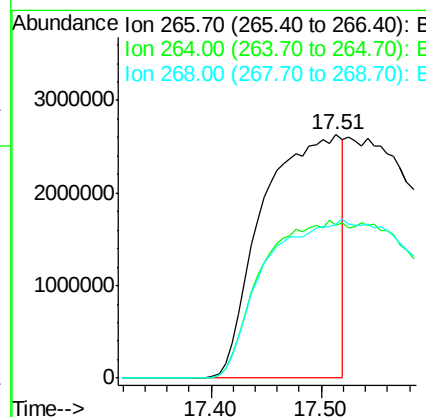
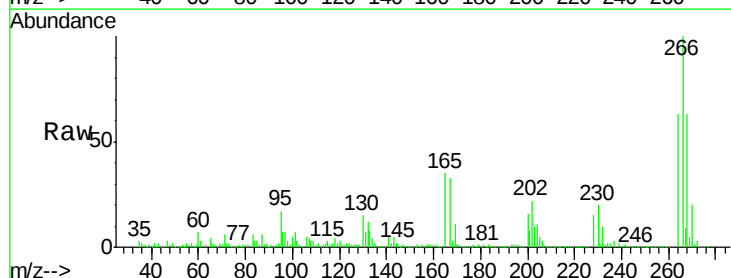
Instrument :
 BNA_N
 ClientSampled :

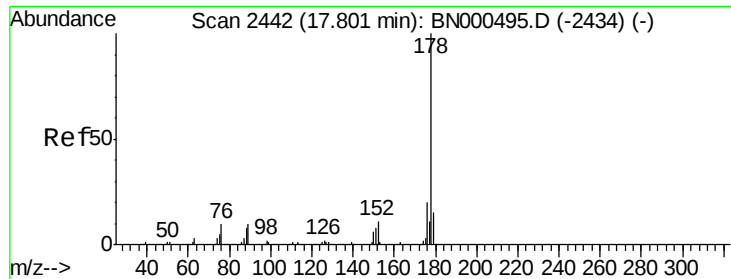
Tot Ion:200 Resp: 4475
 Ion Ratio Lower Upper
 200 100
 173 368.5 20.6 31.0#
 215 118.2 39.8 59.6#



#68
 Pentachlorophenol
 Concen: 388592.127 ng/ul
 RT: 17.51 min Scan# 2393
 Delta R.T. 0.11 min
 Lab File: BN000508.D
 Acq: 21 Mar 2018 00:11

Tgt Ion:266 Resp:12934205
 Ion Ratio Lower Upper
 266 100
 264 62.6 48.2 72.4
 268 63.4 52.3 78.5





#69

Phenanthrene

Concen: 65.539 ng/ul

RT: 17.84 min Scan# 2449

Delta R.T. 0.04 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

ClientSampleId :

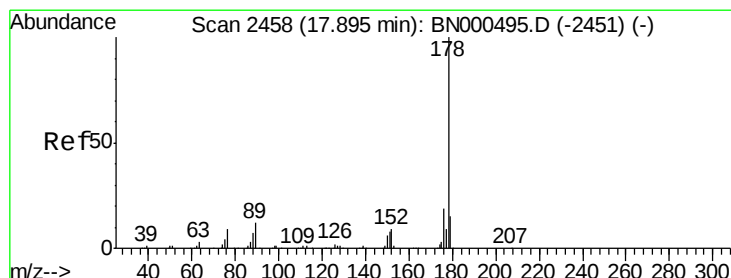
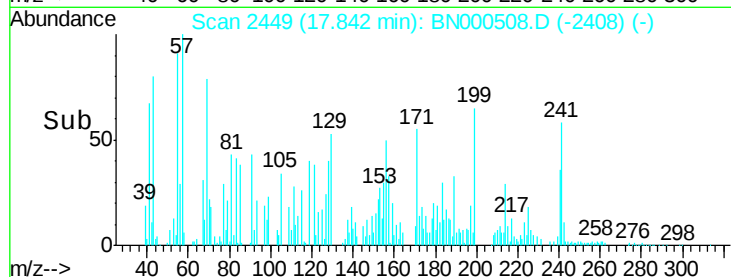
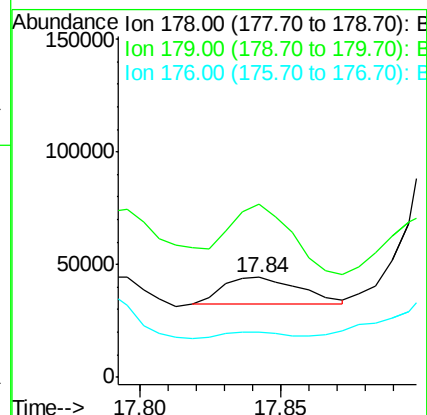
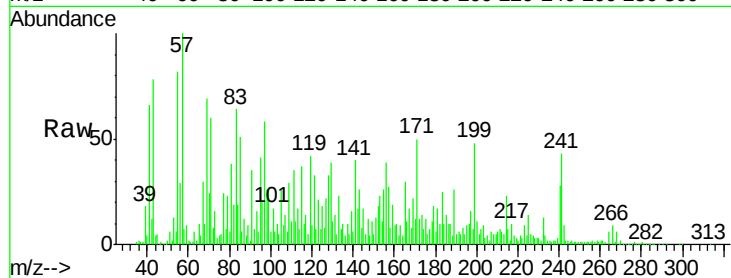
Tot Ion:178 Resp: 22118

Ion Ratio Lower Upper

178 100

179 172.6 12.3 18.5#

176 45.1 15.4 23.0#



#71

Anthracene

Concen: 704.408 ng/ul

RT: 18.00 min Scan# 2476

Delta R.T. 0.11 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

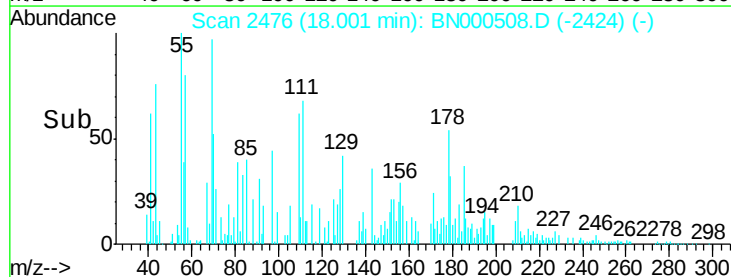
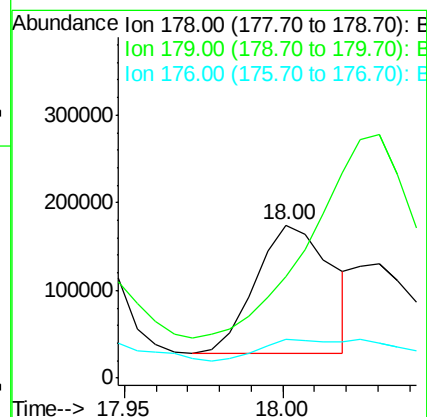
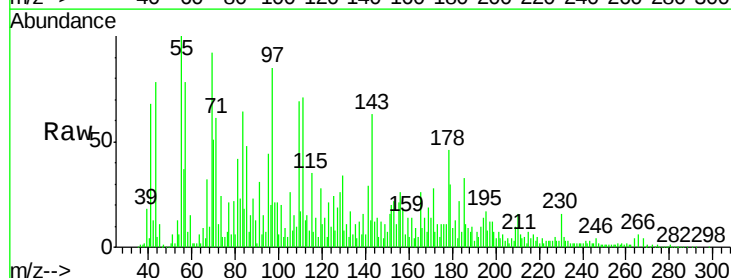
Tgt Ion:178 Resp: 243754

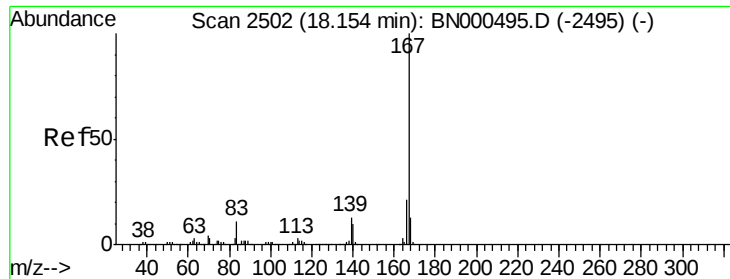
Ion Ratio Lower Upper

178 100

179 66.2 13.4 20.2#

176 25.1 15.4 23.0#





#72

Carbazole

Concen: 529.450 ng/ul

RT: 18.23 min Scan# 2515

Delta R.T. 0.08 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

ClientSampleId :

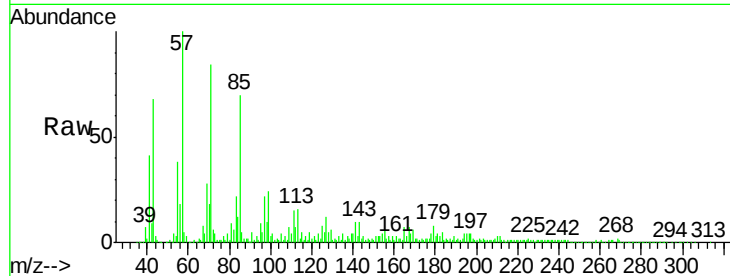
Tot Ion:167 Resp: 157111

Ion Ratio Lower Upper

167 100

166 48.2 17.0 25.4#

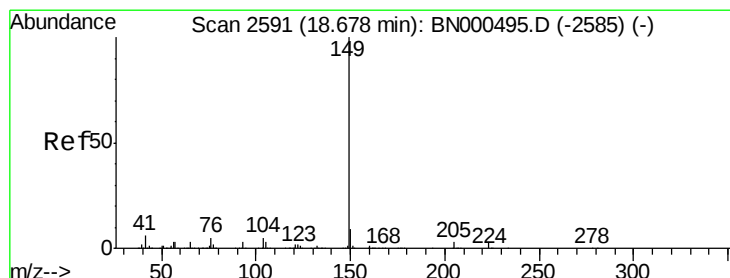
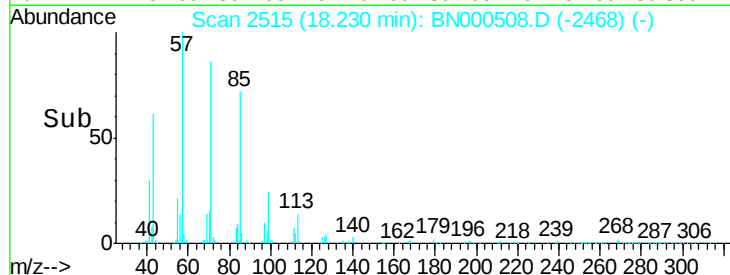
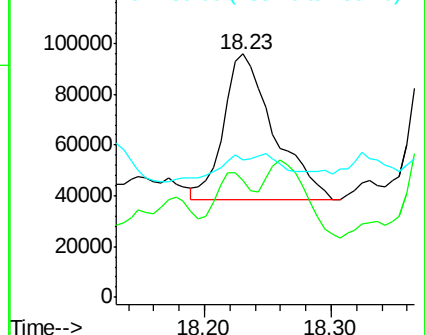
139 56.2 9.1 13.7#



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: 516.651 ng/ul

RT: 18.77 min Scan# 2606

Delta R.T. 0.09 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

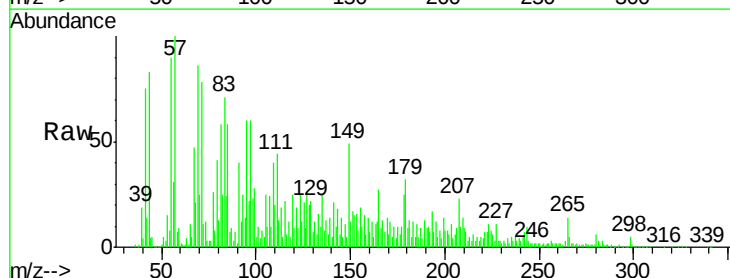
Tgt Ion:149 Resp: 208490

Ion Ratio Lower Upper

149 100

150 25.3 7.5 11.3#

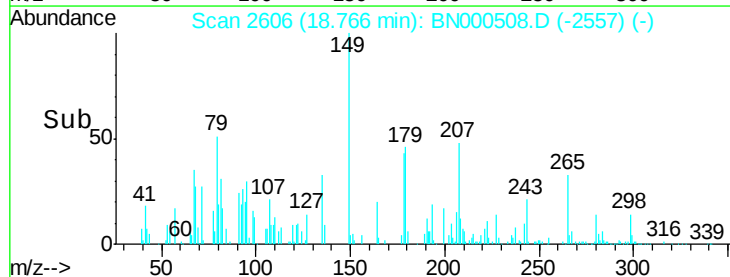
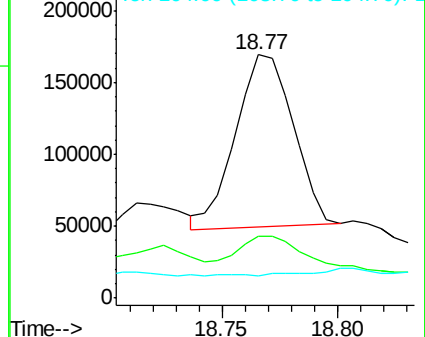
104 9.3 4.1 6.1#

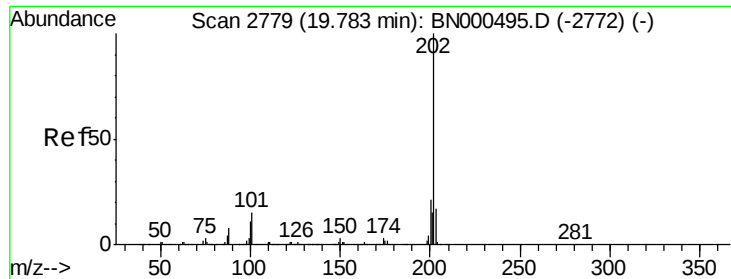


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

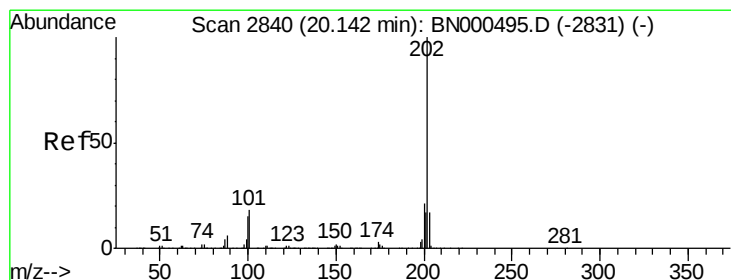
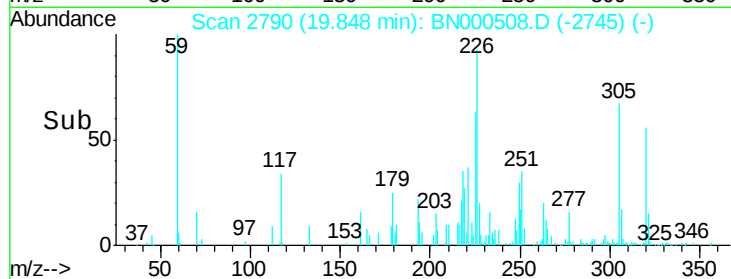
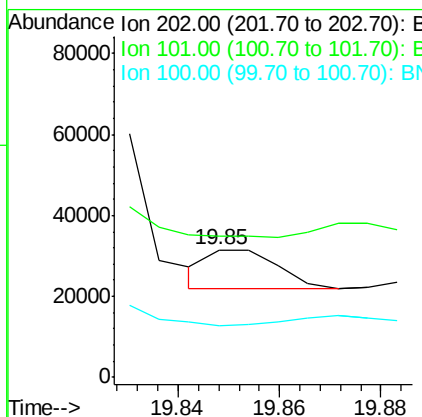
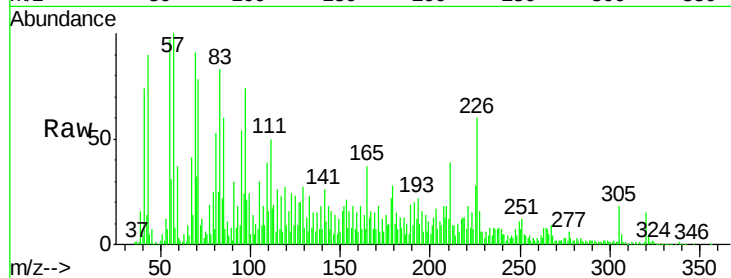




#74
Fluoranthene
Concen: 27.622 ng/ul
RT: 19.85 min Scan# 2790
Delta R.T. 0.06 min
Lab File: BN000508.D
Acq: 21 Mar 2018 00:11

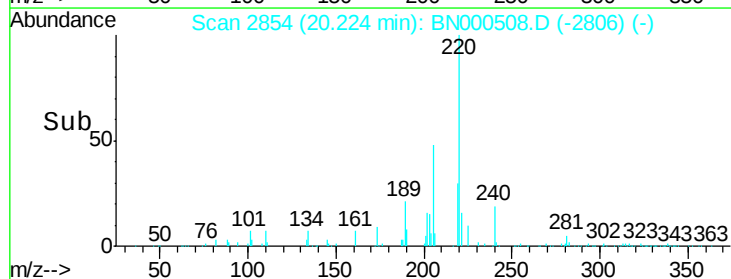
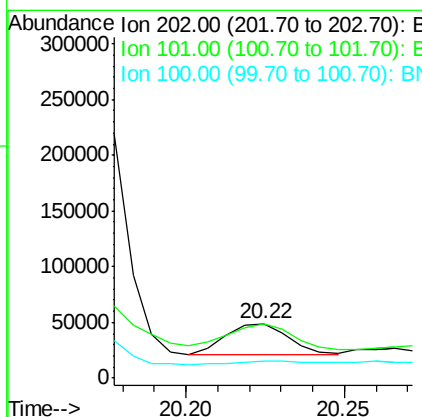
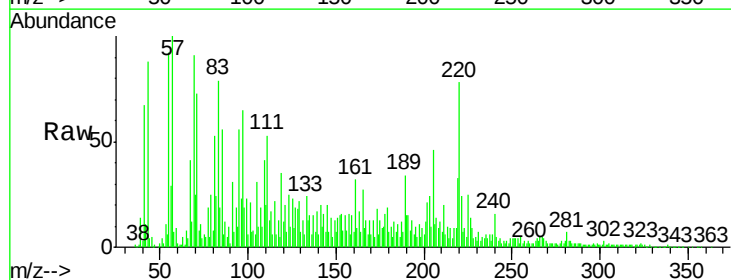
Instrument :
BNA_N
ClientSampleId :

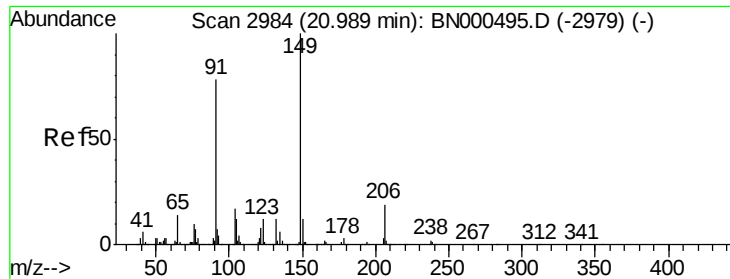
Tot Ion:202 Resp: 9263
Ion Ratio Lower Upper
202 100
101 111.1 6.1 9.1#
100 40.1 4.6 7.0#



#77
Pyrene
Concen: 419.940 ng/ul
RT: 20.22 min Scan# 2854
Delta R.T. 0.08 min
Lab File: BN000508.D
Acq: 21 Mar 2018 00:11

Tgt Ion:202 Resp: 39291
Ion Ratio Lower Upper
202 100
101 99.0 6.9 10.3#
100 30.1 5.6 8.4#

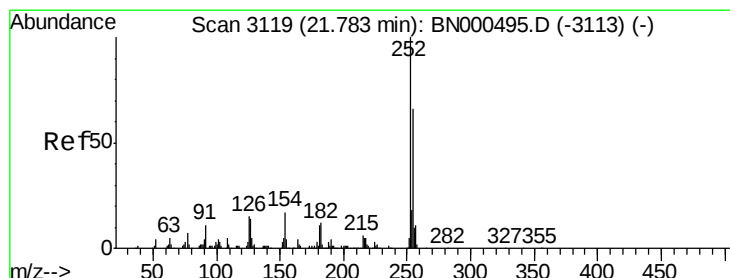
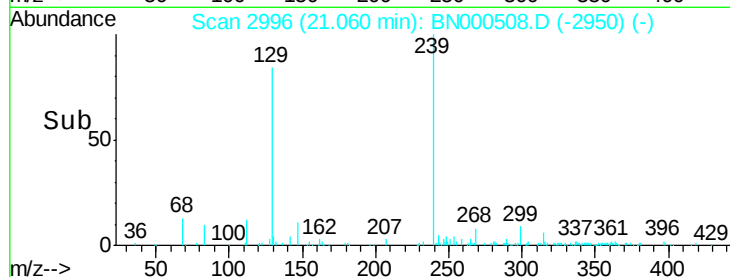
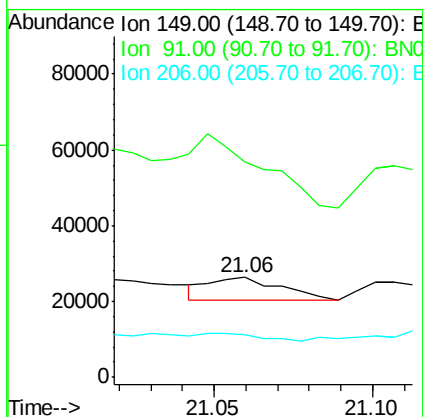
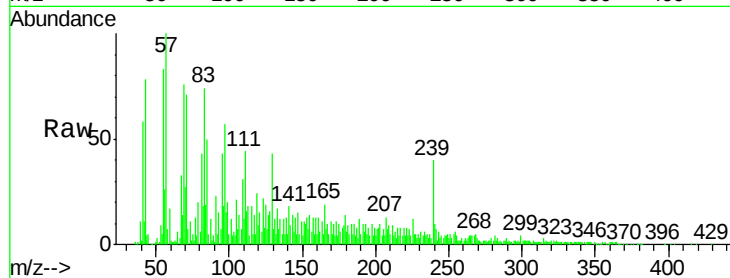




#78
 Butylbenzylphthalate
 Concen: 194.987 ng/ul
 RT: 21.06 min Scan# 2996
 Delta R.T. 0.07 min
 Lab File: BN000508.D
 Acq: 21 Mar 2018 00:11

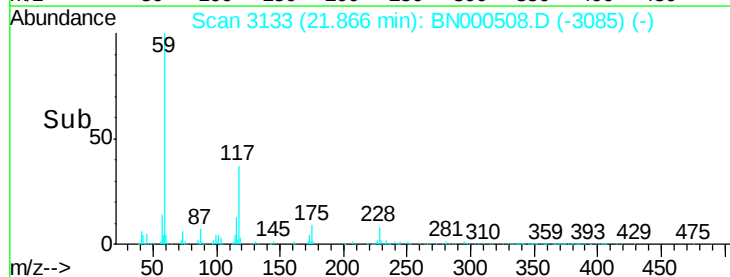
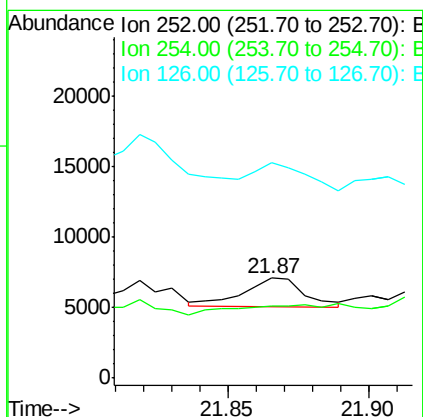
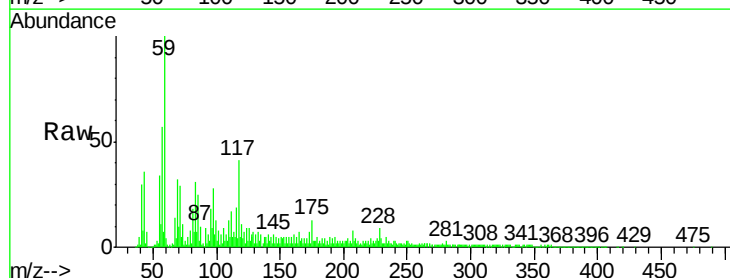
Instrument :
 BNA_N
 ClientSampleId :

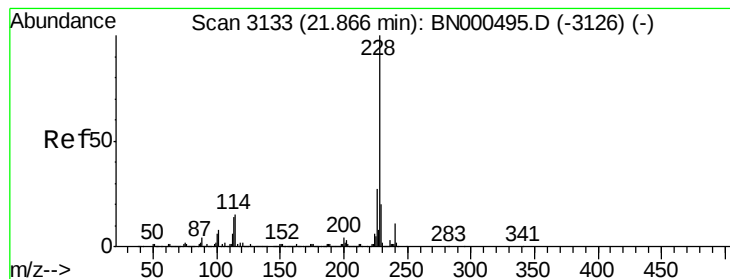
Tot Ion:149 Resp: 9062
 Ion Ratio Lower Upper
 149 100
 91 215.5 53.4 80.0#
 206 42.4 19.3 28.9#



#79
 3,3'-Dichlorobenzidine
 Concen: 116.836 ng/ul
 RT: 21.87 min Scan# 3133
 Delta R.T. 0.08 min
 Lab File: BN000508.D
 Acq: 21 Mar 2018 00:11

Tgt Ion:252 Resp: 2924
 Ion Ratio Lower Upper
 252 100
 254 72.5 52.8 79.2
 126 214.8 6.9 10.3#





#80

Benzo(a)anthracene

Concen: 1452.885 ng/ul

RT: 21.93 min Scan# 3144

Delta R.T. 0.06 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

ClientSampleId :

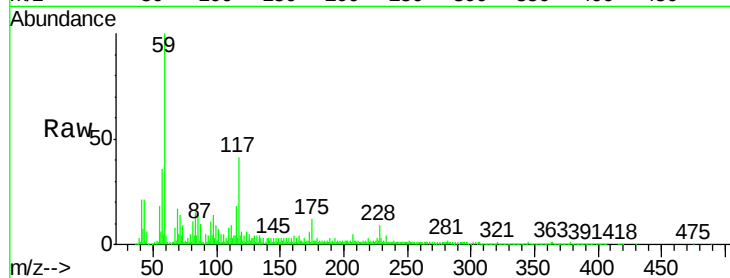
Tot Ion:228 Resp: 124006

Ion Ratio Lower Upper

228 100

229 37.5 16.0 24.0#

226 38.4 21.8 32.8#

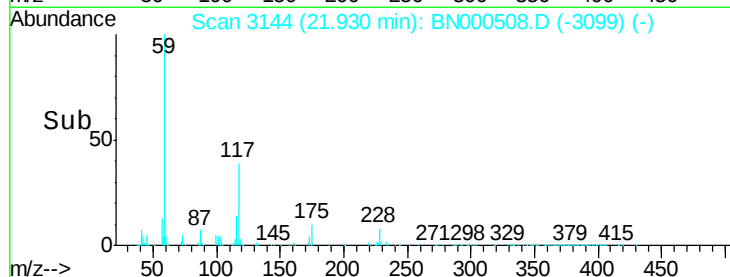


Abundance Ion 228.00 (227.70 to 228.70): E

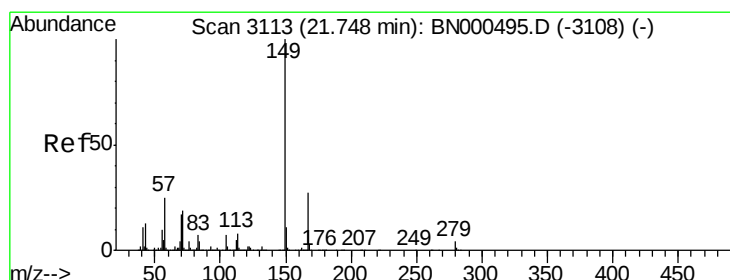
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



Time-->



#81

Bis(2-ethylhexyl)phthalate

Concen: 12106.507 ng/ul

RT: 21.75 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

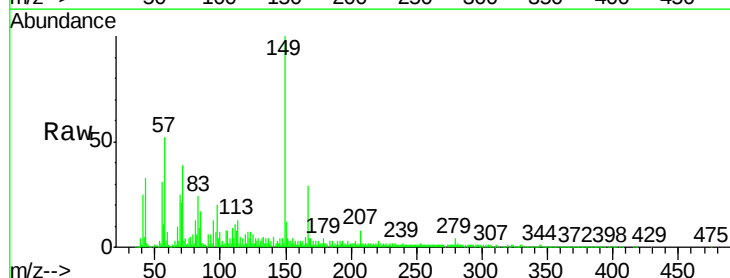
Tgt Ion:149 Resp: 816848

Ion Ratio Lower Upper

149 100

167 28.9 23.0 34.6

279 4.4 4.3 6.5

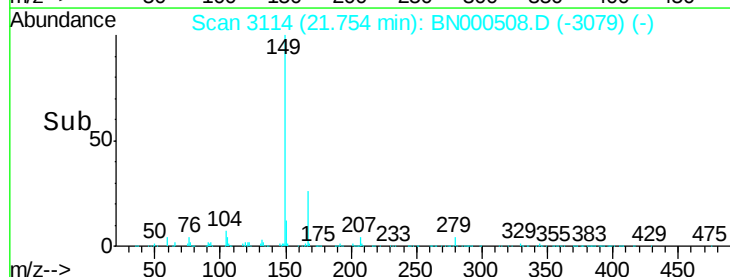


Abundance Ion 149.00 (148.70 to 149.70): E

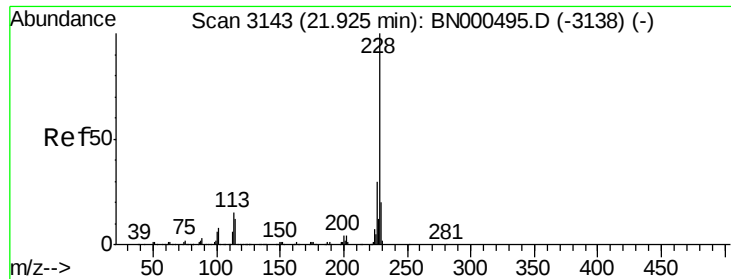
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



Time-->



#82

Chrysene

Concen: 28.520 ng/ul

RT: 22.01 min Scan# 3158

Delta R.T. 0.09 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

ClientSampleId :

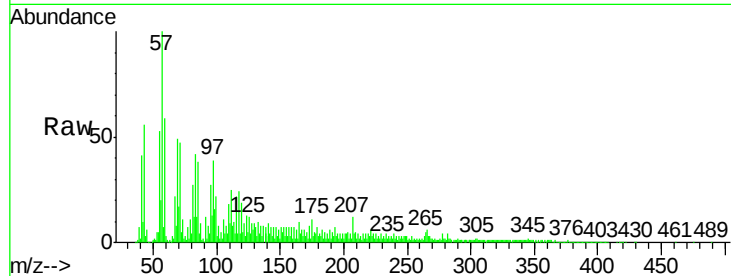
Tot Ion:228 Resp: 2282

Ion Ratio Lower Upper

228 100

226 100.0 24.1 36.1#

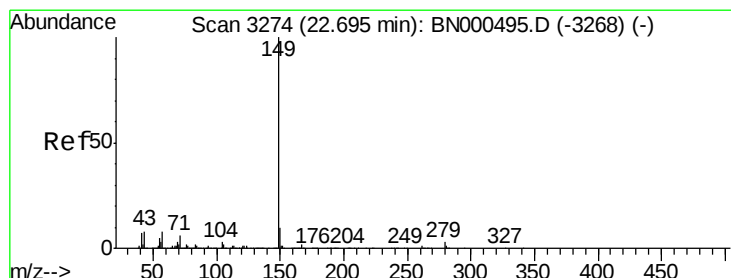
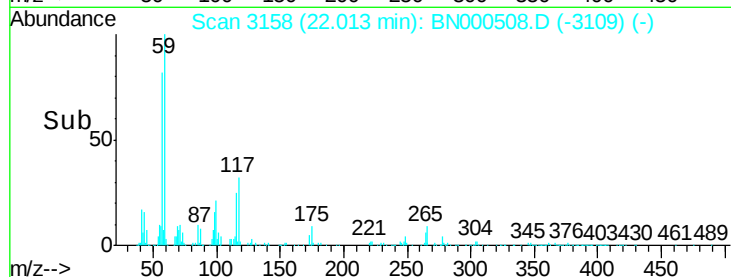
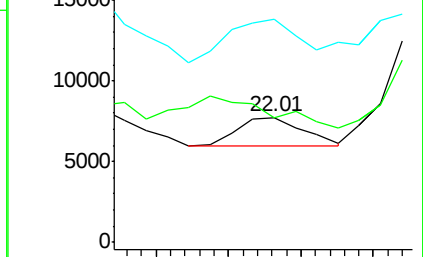
229 178.8 16.0 24.0#



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



#84

Di-n-octyl phthalate

Concen: 5.026 ng/ul

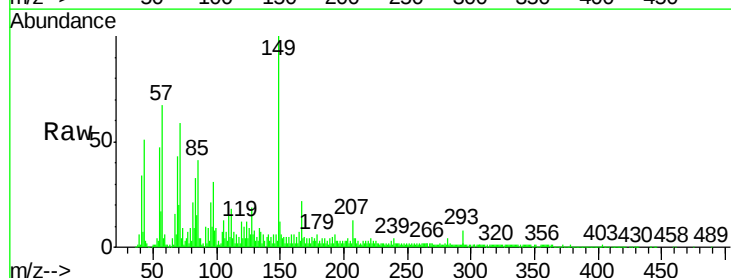
RT: 22.71 min Scan# 3277

Delta R.T. 0.02 min

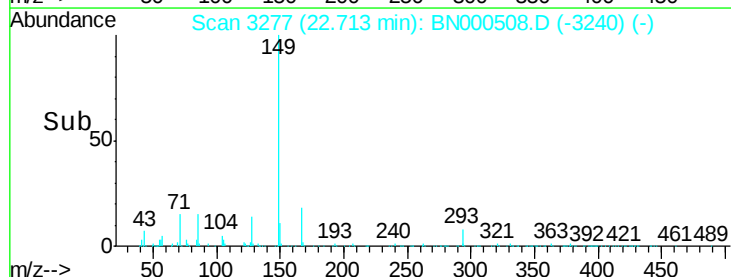
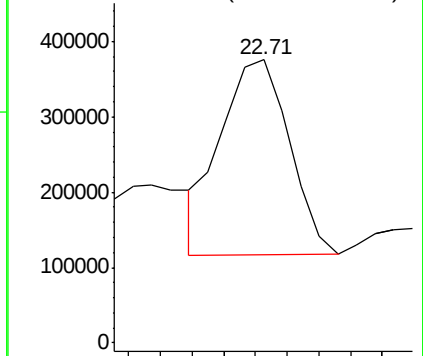
Lab File: BN000508.D

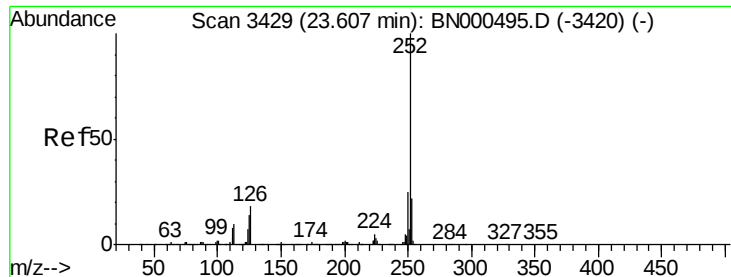
Acq: 21 Mar 2018 00:11

Tgt Ion:149 Resp: 388952



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 1.657 ng/ul

RT: 23.62 min Scan# 3432

Delta R.T. 0.02 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

ClientSampleId :

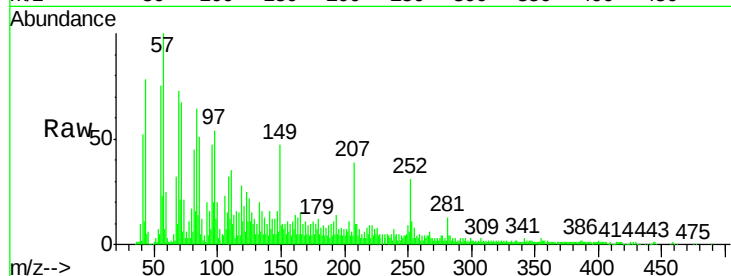
Tot Ion:252 Resp: 96254

Ion Ratio Lower Upper

252 100

253 35.9 17.4 26.0#

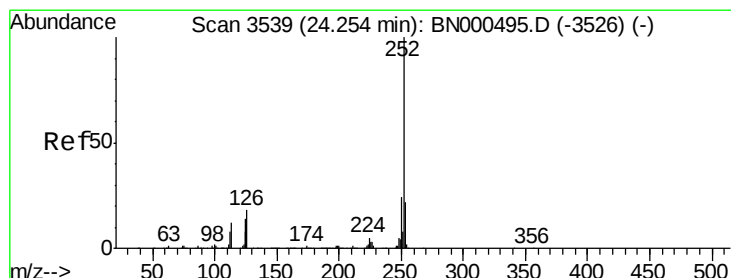
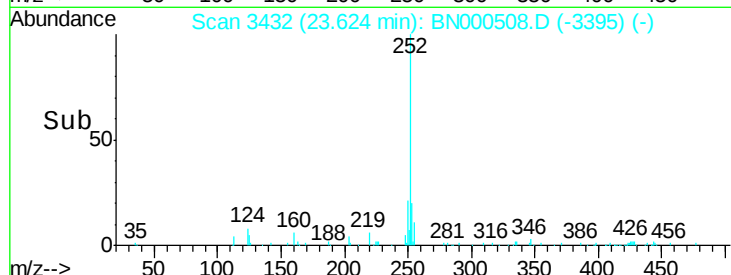
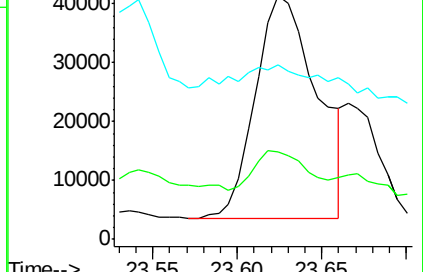
125 71.6 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(a)pyrene

Concen: 1.054 ng/ul

RT: 24.28 min Scan# 3543

Delta R.T. 0.02 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

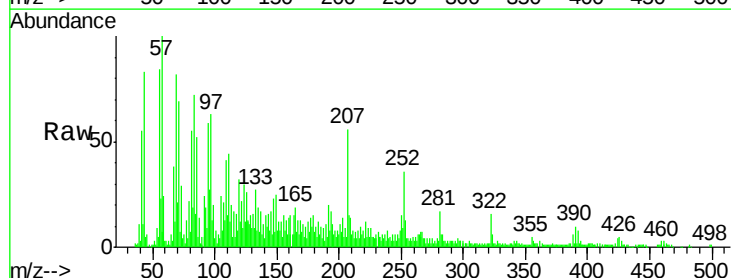
Tgt Ion:252 Resp: 57628

Ion Ratio Lower Upper

252 100

253 35.4 17.2 25.8#

125 71.7 5.8 8.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

