

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000450.D
 Acq On : 19 Mar 2018 11:57
 Operator : JU/SJ
 Sample : SSTD04014
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 19 12:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 19 12:03:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	226875	20.00	ng/ul	0.00
18) Naphthalene-d8	11.27	136	893371	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	420823	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.77	188	774963	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	676038	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	692575	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	102722	18.78	ng/uL	0.00
5) Phenol-d5	7.56	99	829039	36.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.73	67	480414	37.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.95	132	629906	40.11	ng/ul	0.00
13) 4-Methylphenol-d8	9.13	113	629114	33.96	ng/ul	0.00
19) Nitrobenzene-d5	9.61	128	293256	50.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.34	143	306380	55.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.88	165	532232	42.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.39	131	617239	44.58	ng/ul	0.00
43) Dimethylphthalate-d6	14.43	166	1275501	39.85	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	1743664	42.39	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	240805	37.89	ng/ul	0.00
57) Fluorene-d10	16.02	176	1092954	38.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	178208	51.24	ng/ul	0.00
70) Anthracene-d10	17.87	188	1485931	40.86	ng/ul	0.00
76) Pyrene-d10	20.12	212	1432532	44.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	1294180	41.23	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.64	88	108398	17.991	ng/uL# 86
4) Benzaldehyde	7.54	77	380265	50.361	ng/ul 90
6) Phenol	7.59	94	845098	34.804	ng/ul 92
8) Bis(2-Chloroethyl)ether	7.83	93	679007	36.961	ng/ul 93
10) 2-Chlorophenol	7.98	128	638044	38.349	ng/ul 98
11) 2-Methylphenol	8.87	108	613608	34.794	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.95	45	721355	36.250	ng/ul 94
14) Acetophenone	9.26	105	950237	32.651	ng/ul 96
15) N-Nitroso-di-n-propylamine	9.24	70	472149	35.928	ng/ul 92
16) 4-Methylphenol	9.20	108	649590	32.874	ng/ul 95
17) Hexachloroethane	9.53	117	271053	42.623	ng/ul# 72
20) Nitrobenzene	9.65	77	717737	44.170	ng/ul 94
21) Isophorone	10.17	82	1304018	42.446	ng/ul 98
23) 2-Nitrophenol	10.37	139	326884	49.977	ng/ul 92
24) 2,4-Dimethylphenol	10.41	107	682179	40.134	ng/ul 96
25) Bis(2-Chloroethoxy)methane	10.65	93	837468	39.925	ng/ul 98
27) 2,4-Dichlorophenol	10.90	162	516211	41.241	ng/ul# 94
28) Naphthalene	11.32	128	1853793	39.240	ng/ul 99
30) 4-Chloroaniline	11.41	127	625265	43.293	ng/ul 98
31) Hexachlorobutadiene	11.58	225	291857	44.019	ng/ul 98
32) Caprolactam	12.17	113	173956	36.662	ng/ul 84
33) 4-Chloro-3-methylphenol	12.51	107	577259	37.568	ng/ul 99
34) 2-Methylnaphthalene	12.90	142	1199184	36.422	ng/ul 99

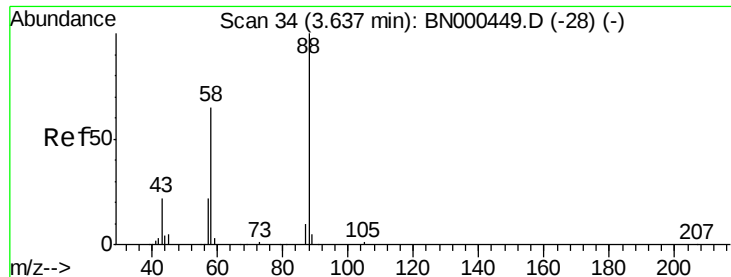
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN031918\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.26	216	524479	45.462	ng/ul#	96
37) Hexachlorocyclopentadiene	13.23	237	276478	49.515	ng/ul	99
38) 2,4,6-Trichlorophenol	13.49	196	347022	47.712	ng/ul	99
39) 2,4,5-Trichlorophenol	13.56	196	358261	45.827	ng/ul	97
40) 1,1'-Biphenyl	13.88	154	1438736	41.732	ng/ul#	95
41) 2-Chloronaphthalene	13.94	162	1117729	42.217	ng/ul	96
42) 2-Nitroaniline	14.12	65	335882	49.542	ng/ul	96
44) Dimethylphthalate	14.48	163	1256790	38.659	ng/ul#	99
45) 2,6-Dinitrotoluene	14.61	165	263761	48.562	ng/ul	94
47) Acenaphthylene	14.77	152	1711391	41.007	ng/ul	100
48) 3-Nitroaniline	14.94	138	278002	42.769	ng/ul#	92
49) Acenaphthene	15.11	153	1158070	39.348	ng/ul	99
50) 2,4-Dinitrophenol	15.15	184	118819	47.160	ng/ul#	83
52) 4-Nitrophenol	15.24	109	186579	34.802	ng/ul#	82
53) Dibenzofuran	15.44	168	1549373	37.925	ng/ul	99
54) 2,4-Dinitrotoluene	15.40	165	366421	43.615	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.66	232	269036	42.659	ng/ul#	90
56) Diethylphthalate	15.82	149	1257702	38.399	ng/ul	96
58) Fluorene	16.08	166	1214644	37.033	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.06	204	563759	38.055	ng/ul#	86
60) 4-Nitroaniline	16.10	138	292467	37.608	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	16.16	198	187574	49.804	ng/ul#	88
64) N-Nitrosodiphenylamine	16.27	169	1026058	42.573	ng/ul	99
65) 4-Bromophenyl-phenylether	16.95	248	319798	45.351	ng/ul#	86
66) Hexachlorobenzene	17.08	284	333614	42.460	ng/ul#	82
67) Atrazine	17.20	200	325980	44.739	ng/ul	95
68) Pentachlorophenol	17.42	266	174828	41.009	ng/ul	95
69) Phenanthrene	17.81	178	1773424	39.113	ng/ul	100
71) Anthracene	17.90	178	1820454	39.429	ng/ul	98
72) Carbazole	18.17	167	1621044	39.183	ng/ul	98
73) Di-n-butylphthalate	18.68	149	2039519	45.439	ng/ul	99
74) Fluoranthene	19.79	202	1834871	38.655	ng/ul#	78
77) Pyrene	20.15	202	1851623	43.515	ng/ul#	76
78) Butylbenzylphthalate	21.00	149	913382	55.480	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.80	252	561249	46.109	ng/ul#	97
80) Benzo(a)anthracene	21.88	228	1705113	40.886	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.75	149	1315734	53.189	ng/ul#	97
82) Chrysene	21.93	228	1602323	39.743	ng/ul	99
84) Di-n-octyl phthalate	22.71	149	2247969	53.197	ng/ul	100
85) Benzo(b)fluoranthene	23.62	252	1704956	42.393	ng/ul#	94
86) Benzo(k)fluoranthene	23.67	252	1561164	39.342	ng/ul#	95
88) Benzo(a)pyrene	24.27	252	1603314	39.981	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	26.95	276	1860724	39.691	ng/ul#	78
90) Dibenzo(a,h)anthracene	26.96	278	1549857	39.659	ng/ul#	91
91) Benzo(g,h,i)perylene	27.75	276	1571867	40.192	ng/ul#	86

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



#2

1,4-Dioxane

Concen: 17.991 ng/uL

RT: 3.64 min Scan# 34

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

ClientSampleId :

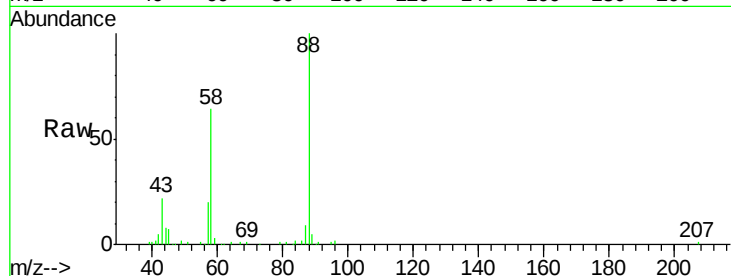
Tot Ion: 88 Resp: 108398

Ion Ratio Lower Upper

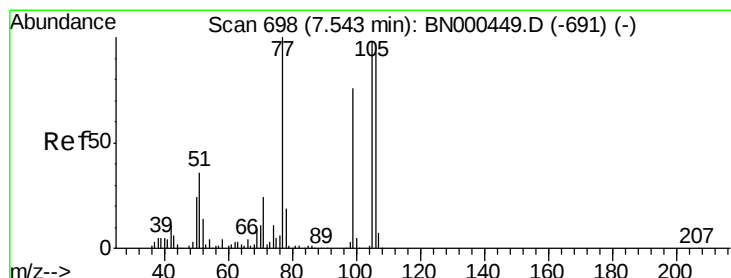
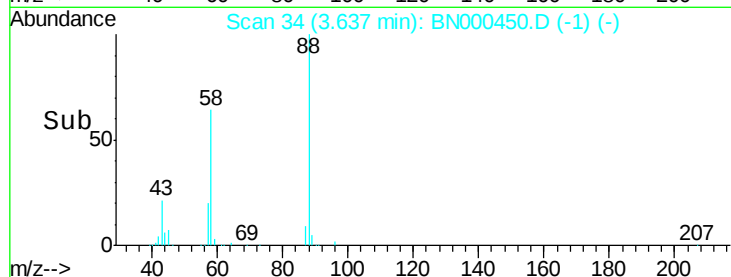
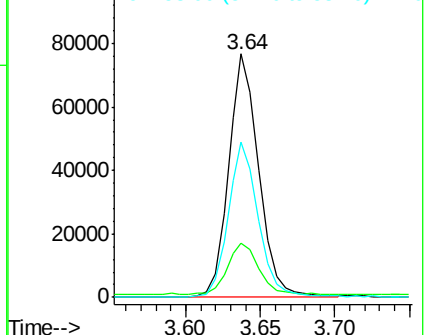
88 100

43 22.3 29.0 43.4#

58 63.8 45.9 68.9



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 43.00 (42.70 to 43.70): BN0
Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 50.361 ng/uL

RT: 7.54 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

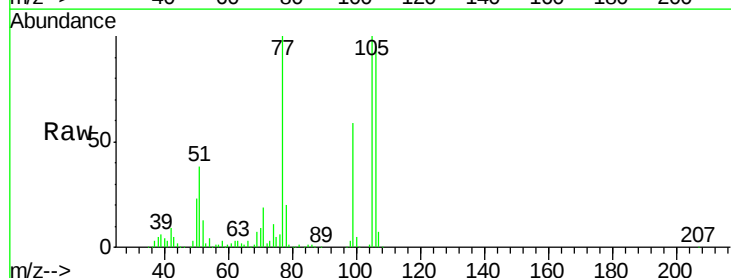
Tgt Ion: 77 Resp: 380265

Ion Ratio Lower Upper

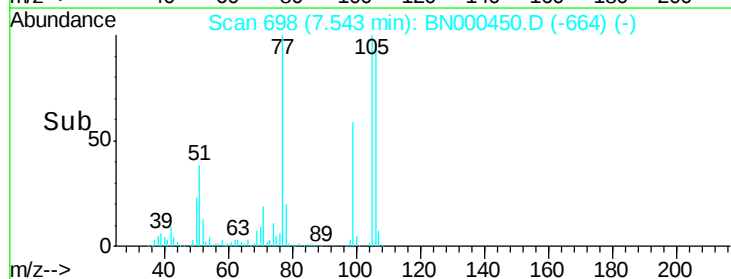
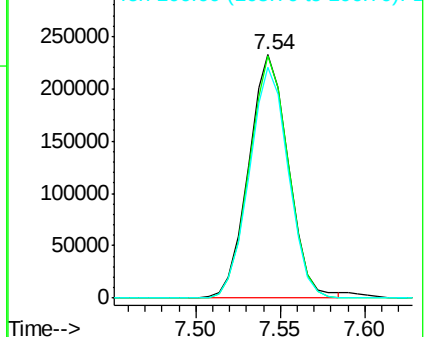
77 100

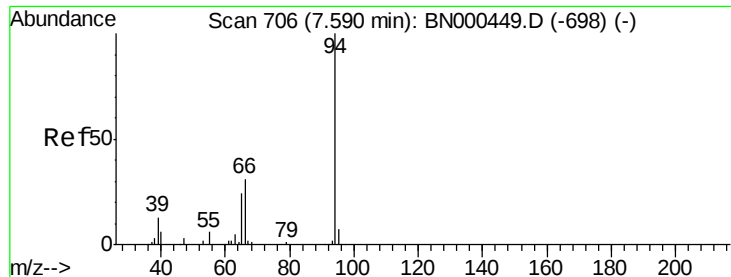
105 99.7 71.0 106.6

106 95.0 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: 34.804 ng/ul

RT: 7.59 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

ClientSampled :

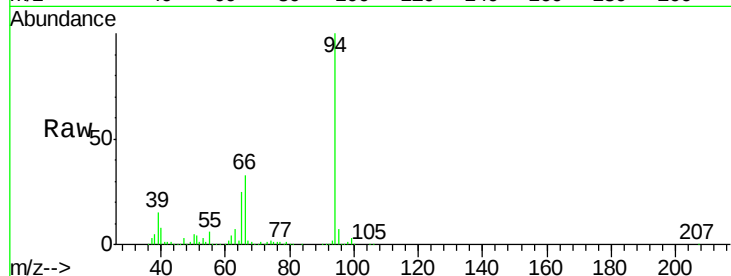
Tot Ion: 94 Resp: 845098

Ion Ratio Lower Upper

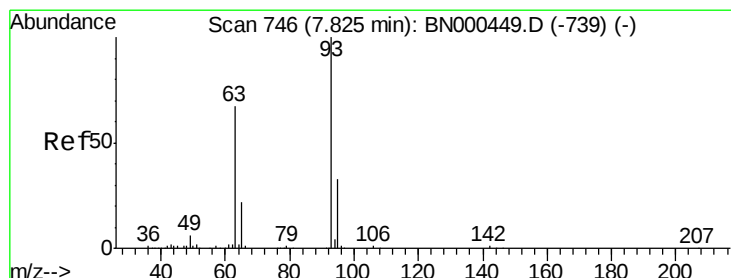
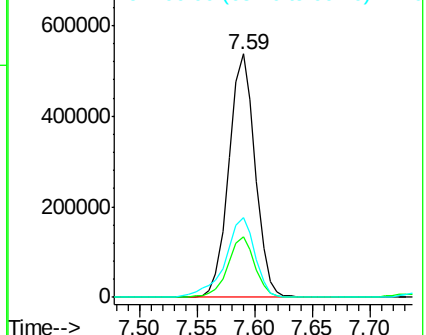
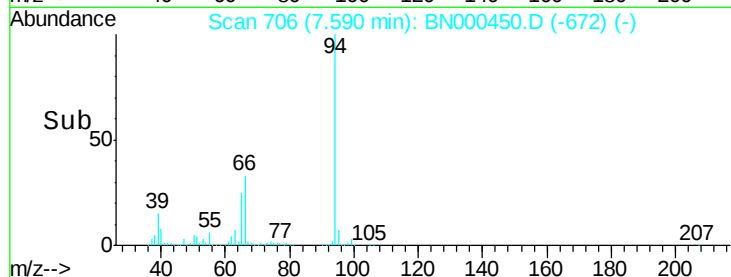
94 100

65 24.8 23.0 34.6

66 32.9 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



#8

Bis(2-Chloroethyl)ether

Concen: 36.961 ng/ul

RT: 7.83 min Scan# 746

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

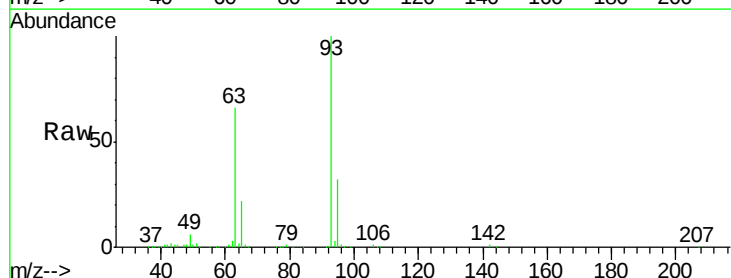
Tgt Ion: 93 Resp: 679007

Ion Ratio Lower Upper

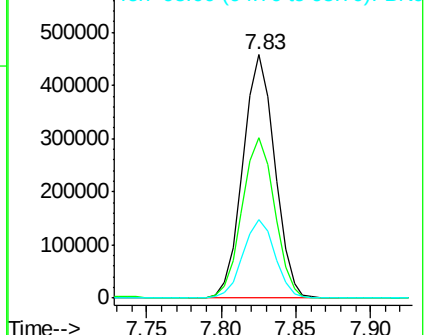
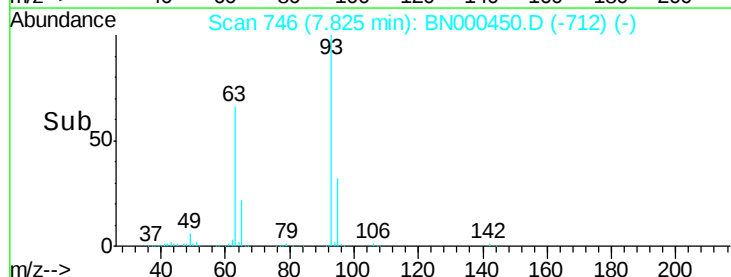
93 100

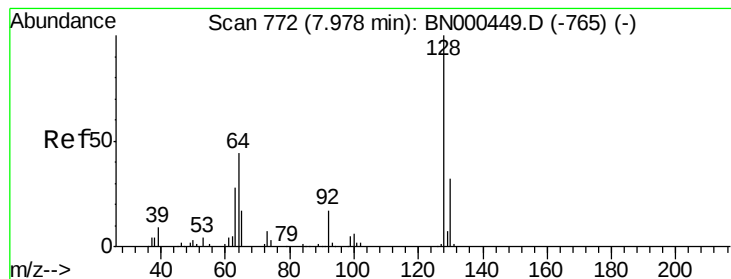
63 66.1 59.4 89.2

95 32.3 26.4 39.6



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#10

2-Chlorophenol

Concen: 38.349 ng/ul

RT: 7.98 min Scan# 772

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

ClientSampleId :

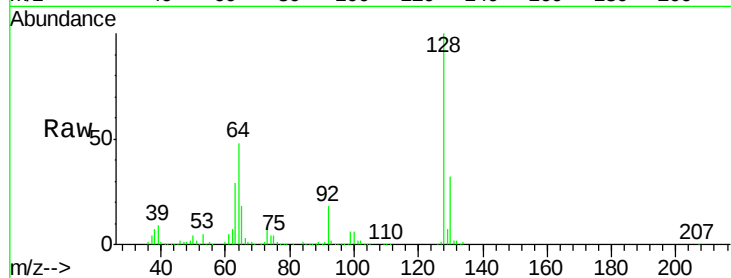
Tot Ion:128 Resp: 638044

Ion Ratio Lower Upper

128 100

64 47.6 39.8 59.6

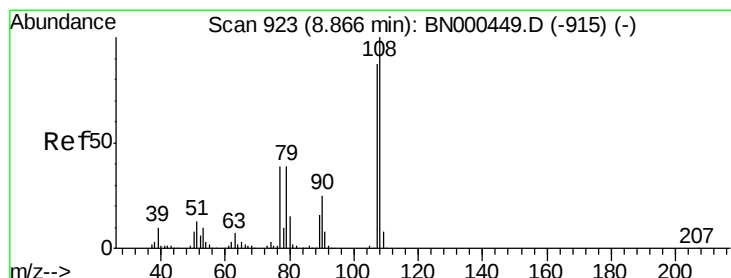
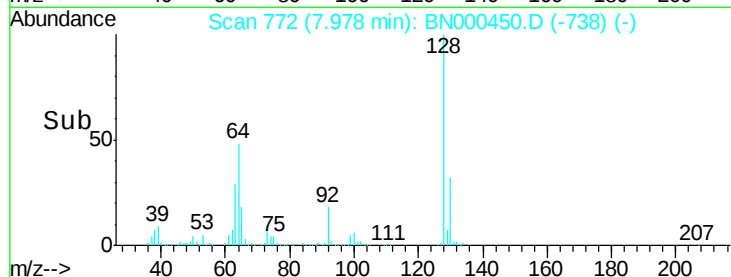
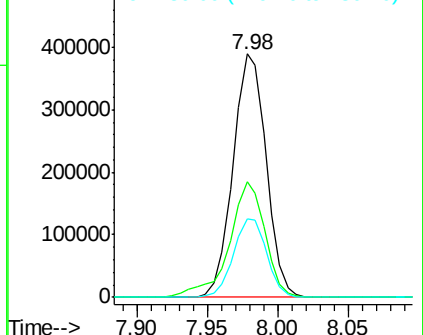
130 32.1 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): B

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 34.794 ng/ul

RT: 8.87 min Scan# 923

Delta R.T. 0.00 min

Lab File: BN000450.D

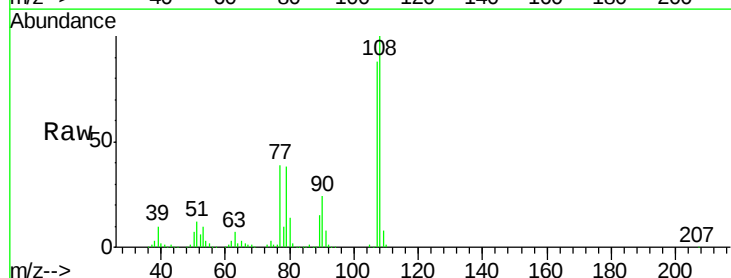
Acq: 19 Mar 2018 11:57

Tgt Ion:108 Resp: 613608

Ion Ratio Lower Upper

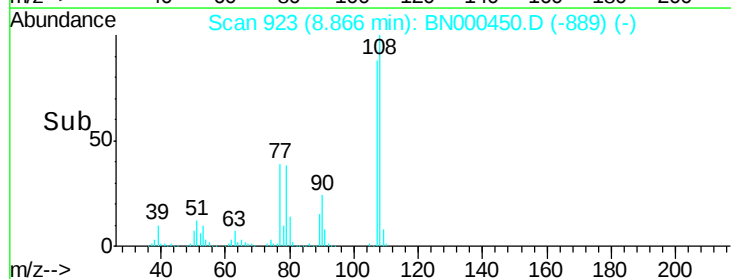
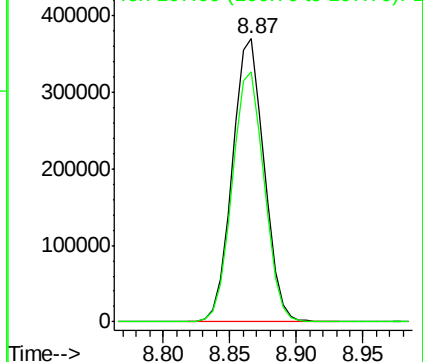
108 100

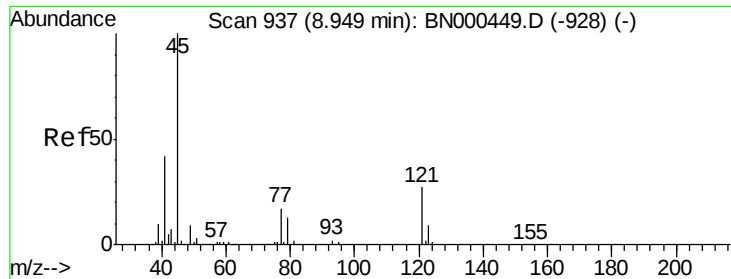
107 88.4 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

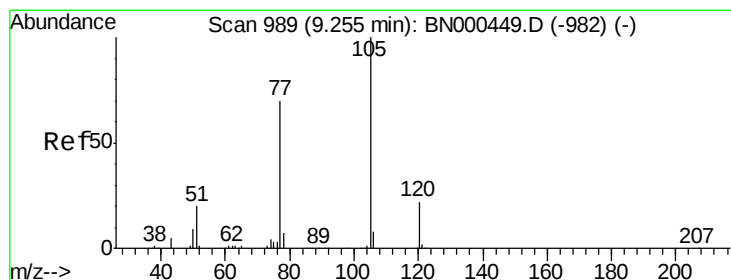
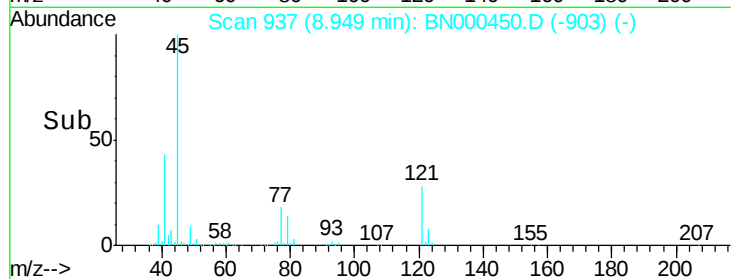
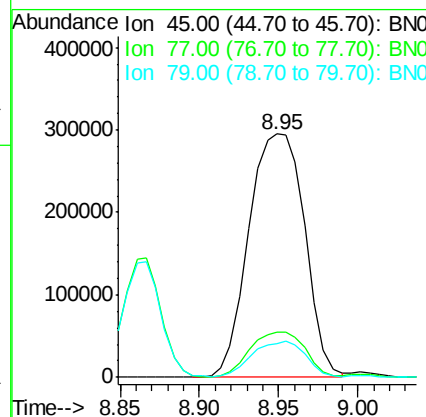
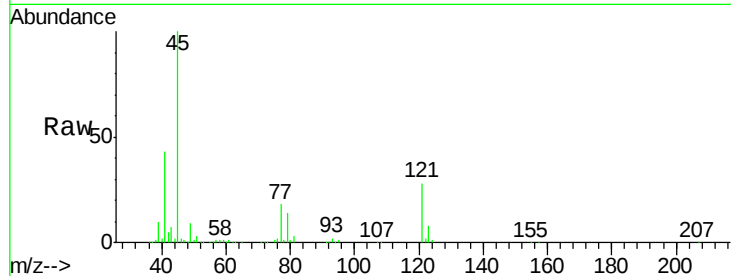




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 36.250 ng/ul
RT: 8.95 min Scan# 937
Delta R.T. 0.00 min
Lab File: BN000450.D
Acq: 19 Mar 2018 11:57

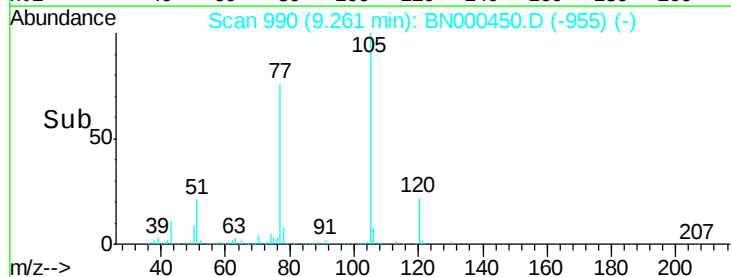
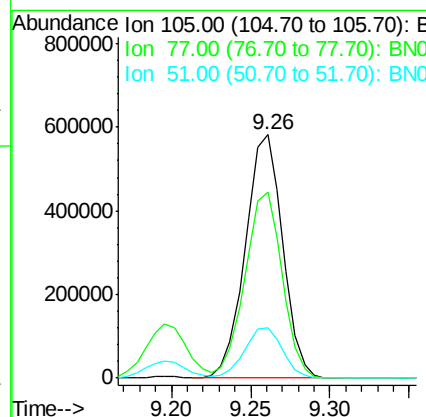
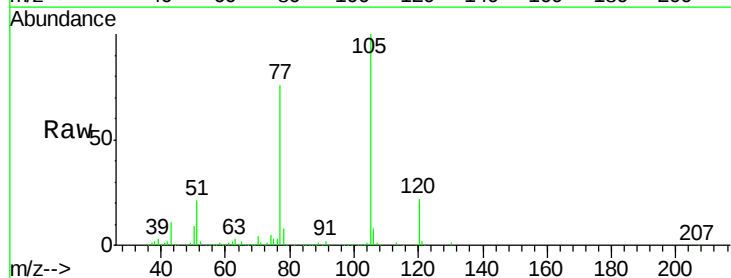
Instrument :
BNA_N
ClientSampleId :

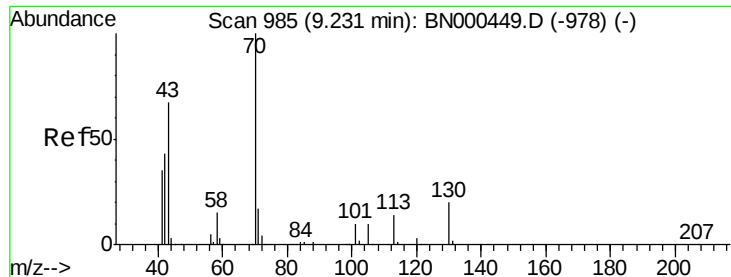
Tot Ion	Ratio	Lower	Upper
45	100		
77	18.3	12.5	18.7
79	14.0	9.4	14.2



#14
Acetophenone
Concen: 32.651 ng/ul
RT: 9.26 min Scan# 990
Delta R.T. 0.01 min
Lab File: BN000450.D
Acq: 19 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
105	100		
77	76.2	63.2	94.8
51	20.9	19.8	29.8

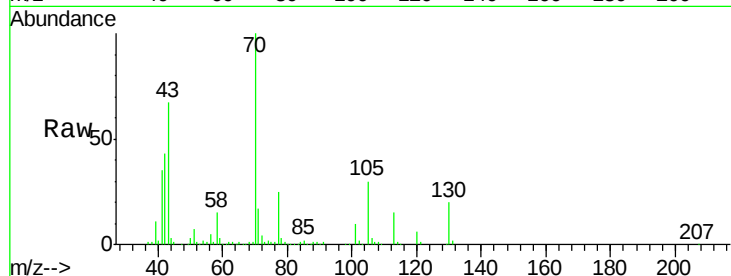




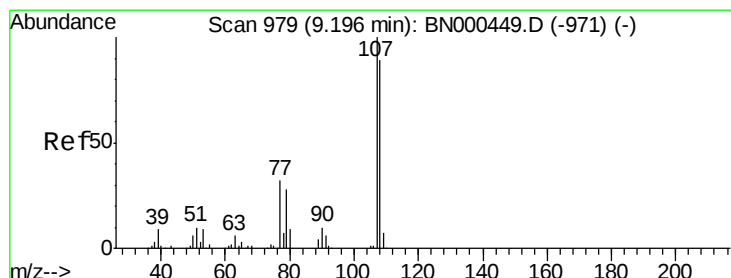
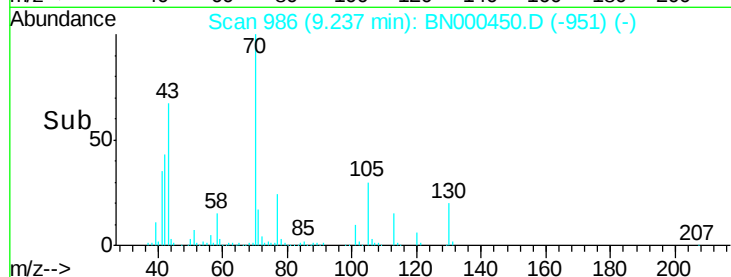
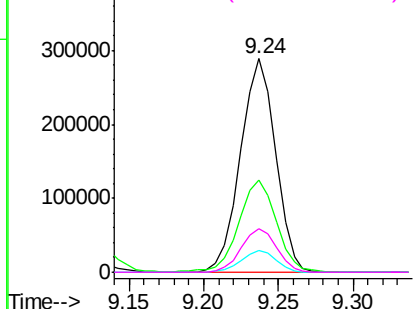
#15
N-Nitroso-di-n-propylamine
Concen: 35.928 ng/ul
RT: 9.24 min Scan# 986
Delta R.T. 0.01 min
Lab File: BN000450.D
Acq: 19 Mar 2018 11:57

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 70 Resp: 472149
Ion Ratio Lower Upper
70 100
42 42.9 40.2 60.4
101 10.0 7.7 11.5
130 20.3 17.8 26.6

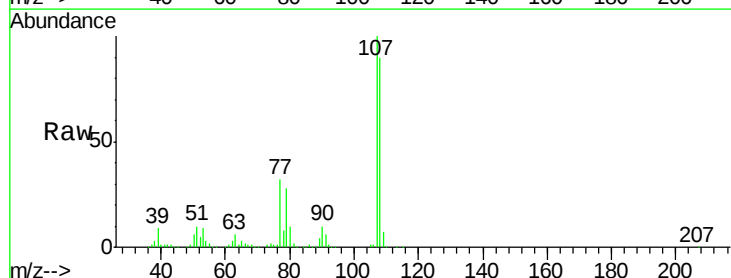


Abundance Ion 70.00 (69.70 to 70.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

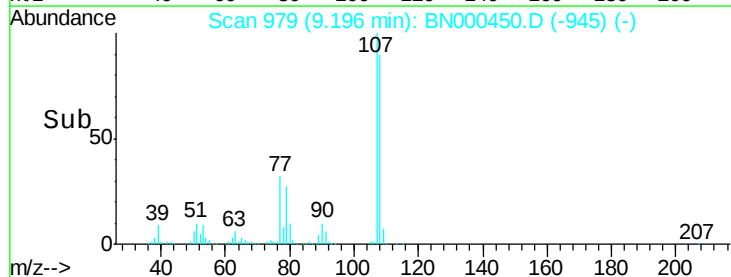
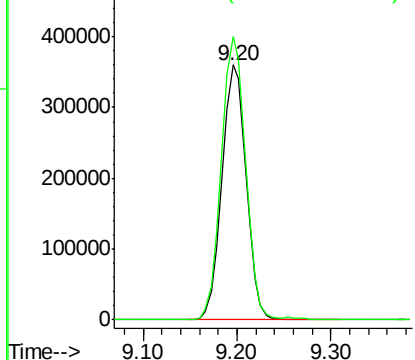


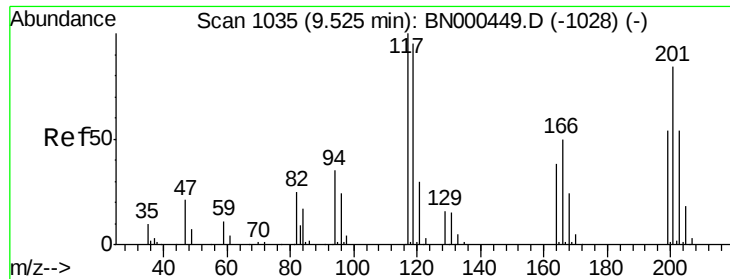
#16
4-Methylphenol
Concen: 32.874 ng/ul
RT: 9.20 min Scan# 979
Delta R.T. 0.00 min
Lab File: BN000450.D
Acq: 19 Mar 2018 11:57

Tgt Ion:108 Resp: 649590
Ion Ratio Lower Upper
108 100
107 111.2 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 42.623 ng/ul

RT: 9.53 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

ClientSampled :

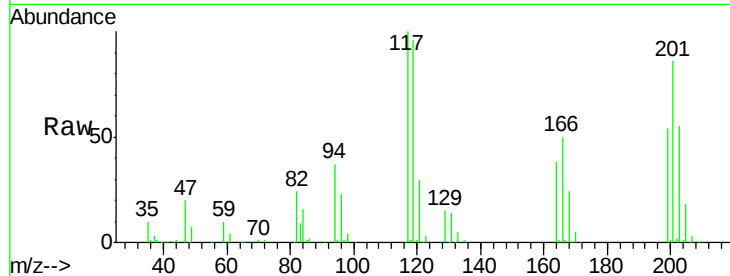
Tot Ion:117 Resp: 271053

Ion Ratio Lower Upper

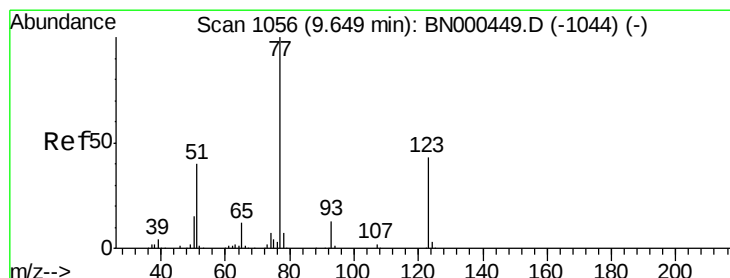
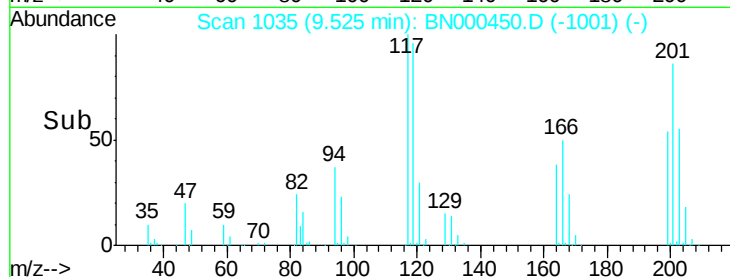
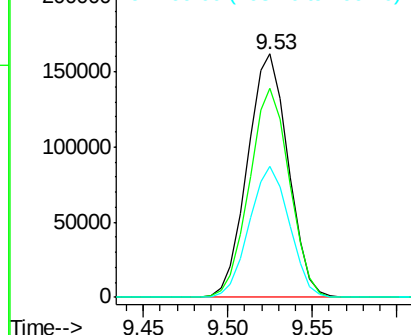
117 100

201 86.1 96.1 144.1#

199 53.9 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: 44.170 ng/ul

RT: 9.65 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

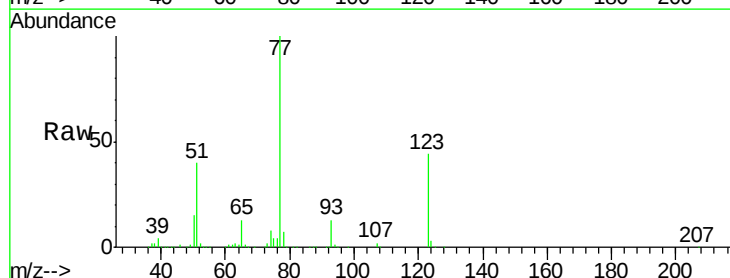
Tgt Ion: 77 Resp: 717737

Ion Ratio Lower Upper

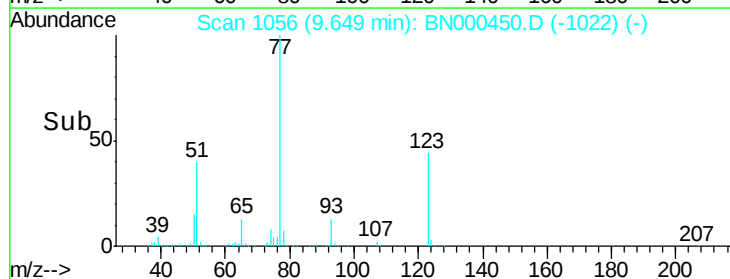
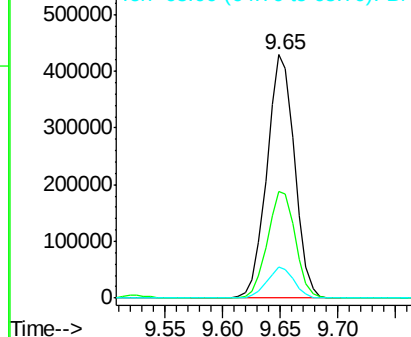
77 100

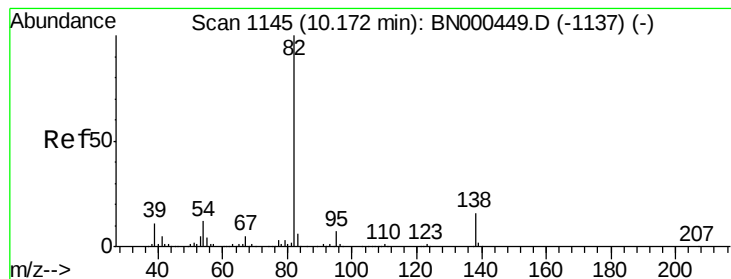
123 44.1 31.8 47.8

65 12.5 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: 42.446 ng/ul

RT: 10.17 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

ClientSampled :

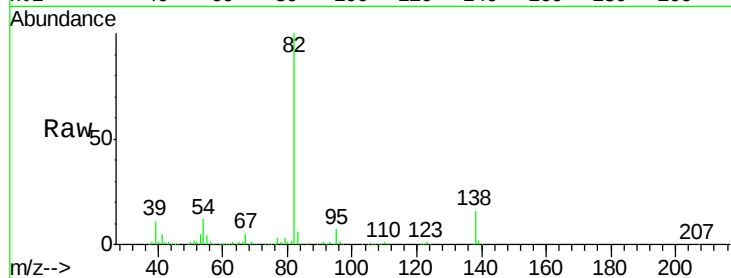
Tot Ion: 82 Resp: 1304018

Ion Ratio Lower Upper

82 100

95 6.8 6.1 9.1

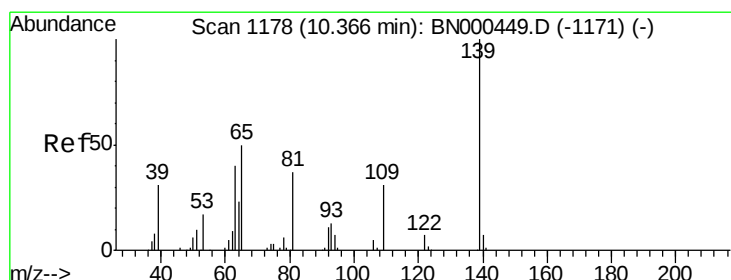
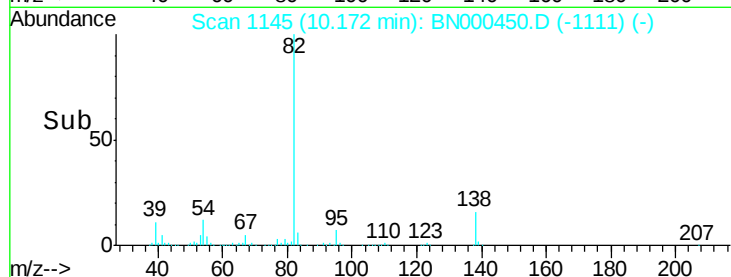
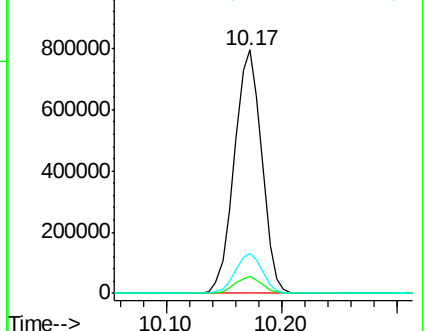
138 16.4 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BN000449.D (-1137) (-)

Ion 95.00 (94.70 to 95.70): BN000449.D (-1137) (-)

Ion 138.00 (137.70 to 138.70): BN000449.D (-1137) (-)



#23

2-Nitrophenol

Concen: 49.977 ng/ul

RT: 10.37 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

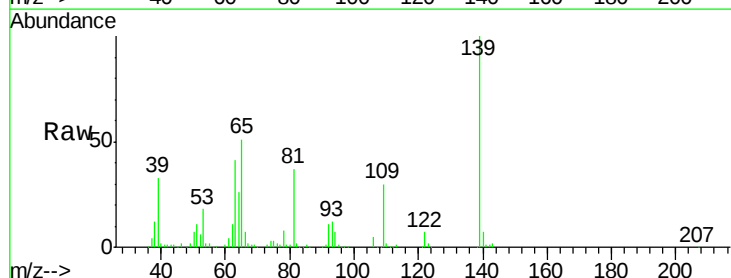
Tgt Ion: 139 Resp: 326884

Ion Ratio Lower Upper

139 100

65 50.6 45.3 67.9

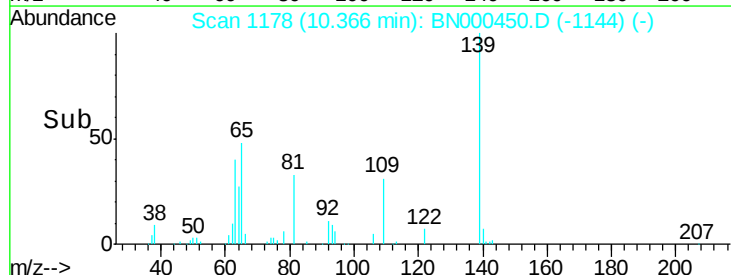
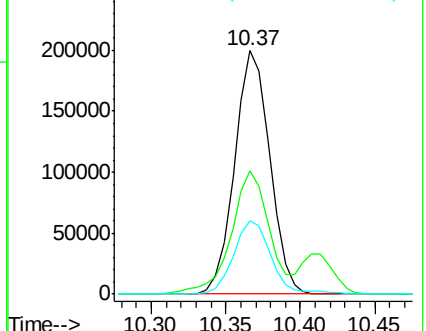
109 30.4 27.7 41.5

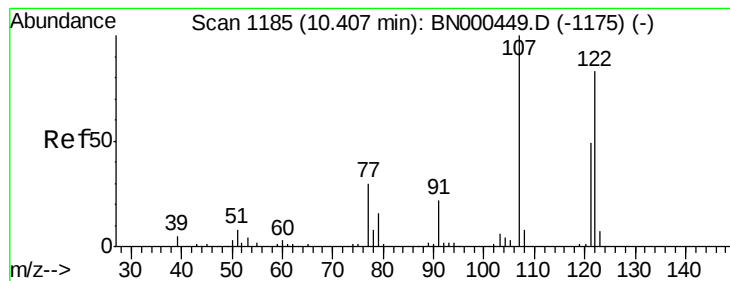


Abundance Ion 139.00 (138.70 to 139.70): BN000449.D (-1171) (-)

Ion 65.00 (64.70 to 65.70): BN000449.D (-1171) (-)

Ion 109.00 (108.70 to 109.70): BN000449.D (-1171) (-)





#24

2,4-Dimethylphenol

Concen: 40.134 ng/ul

RT: 10.41 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

ClientSampleId :

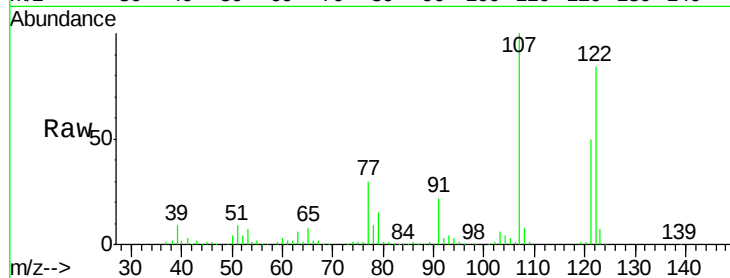
Tot Ion:107 Resp: 682179

Ion Ratio Lower Upper

107 100

121 49.7 38.1 57.1

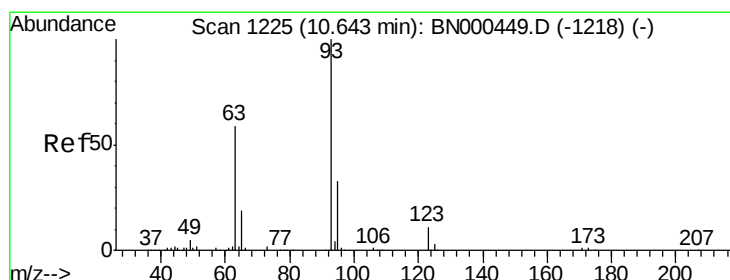
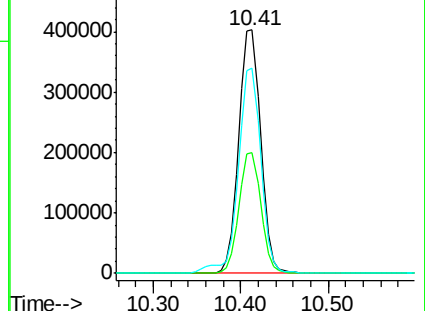
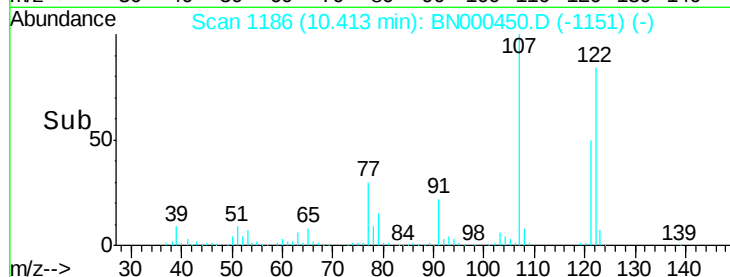
122 84.2 63.8 95.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 39.925 ng/ul

RT: 10.65 min Scan# 1226

Delta R.T. 0.01 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

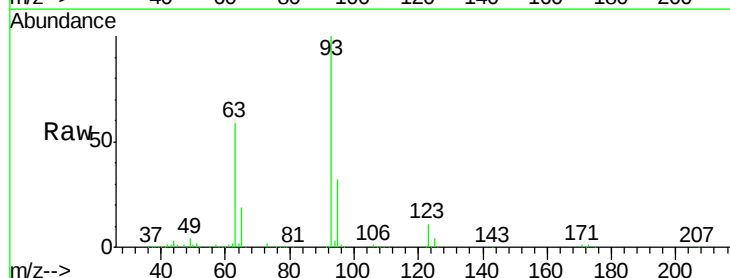
Tgt Ion: 93 Resp: 837468

Ion Ratio Lower Upper

93 100

95 32.1 24.7 37.1

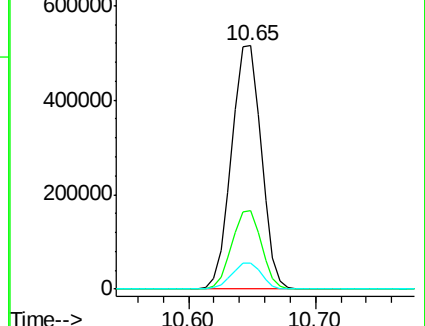
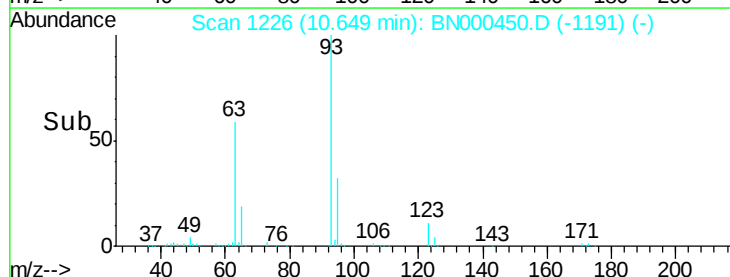
123 10.9 8.2 12.2

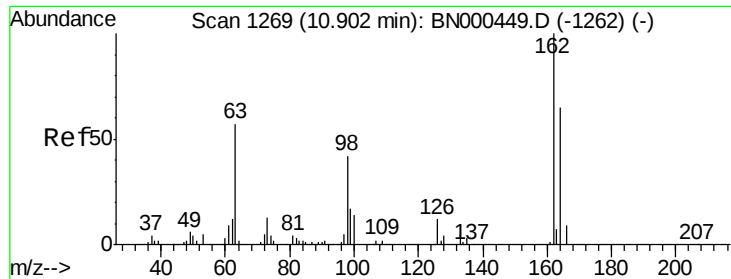


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

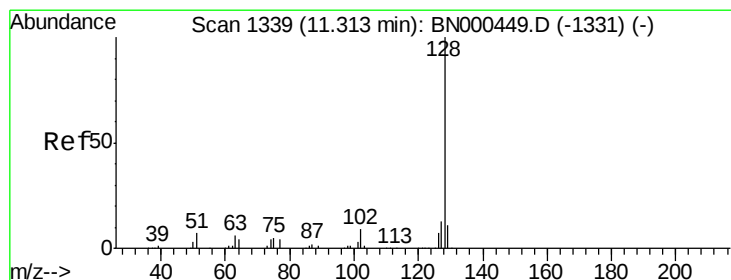
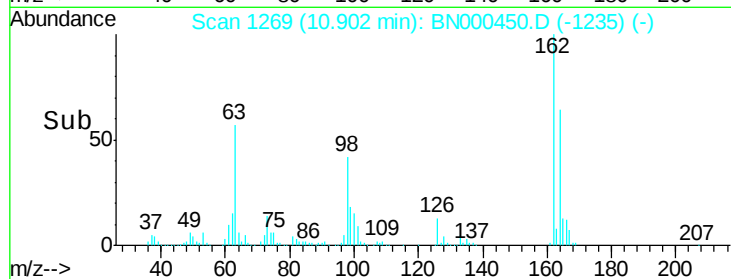
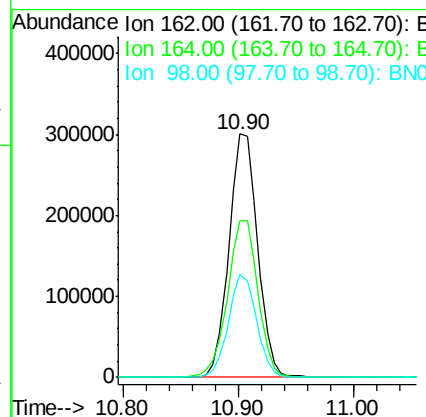
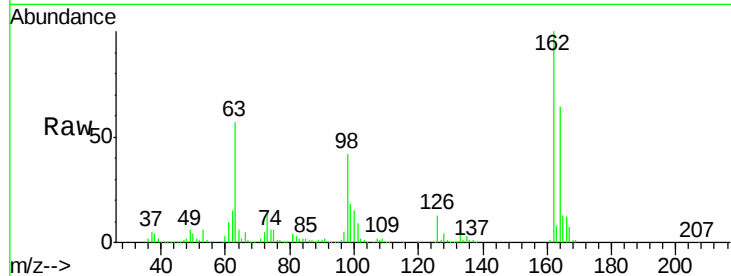




#27
 2,4-Dichlorophenol
 Concen: 41.241 ng/ul
 RT: 10.90 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BN000450.D
 Acq: 19 Mar 2018 11:57

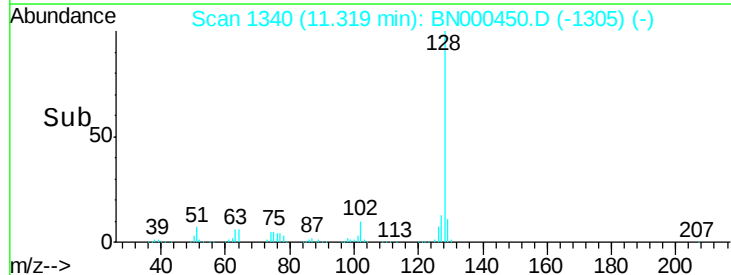
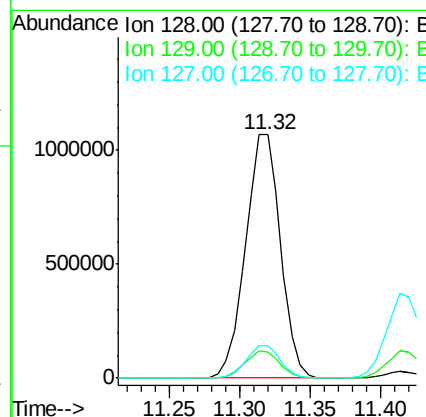
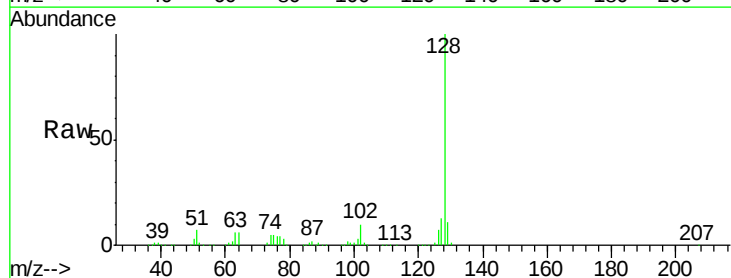
Instrument :
 BNA_N
 ClientSampleId :

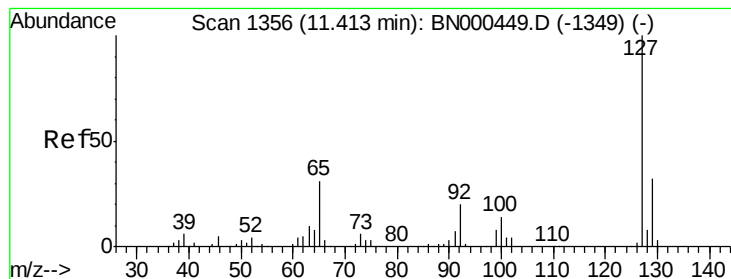
Tot Ion:162 Resp: 516211
 Ion Ratio Lower Upper
 162 100
 164 64.4 52.0 78.0
 98 42.0 26.6 39.8#



#28
 Naphthalene
 Concen: 39.240 ng/ul
 RT: 11.32 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BN000450.D
 Acq: 19 Mar 2018 11:57

Tgt Ion:128 Resp: 1853793
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.3 12.5
 127 13.5 10.8 16.2





#30

4-Chloroaniline

Concen: 43.293 ng/ul

RT: 11.41 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

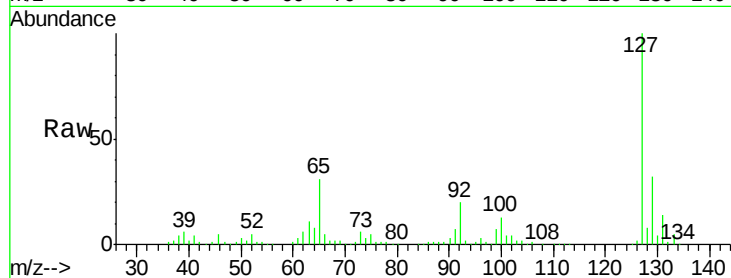
ClientSampled :

Tot Ion:127 Resp: 625265

Ion Ratio Lower Upper

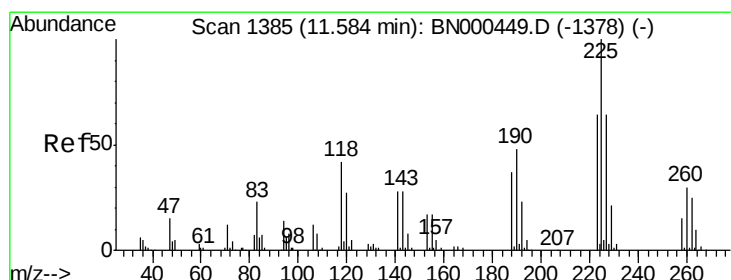
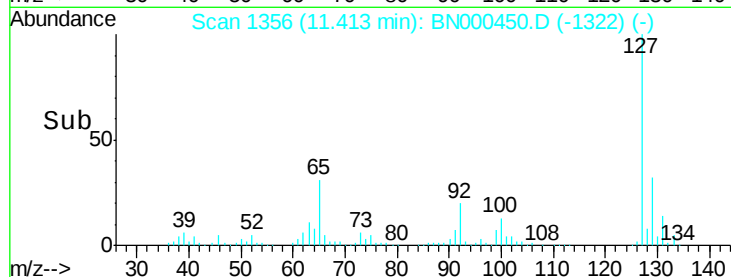
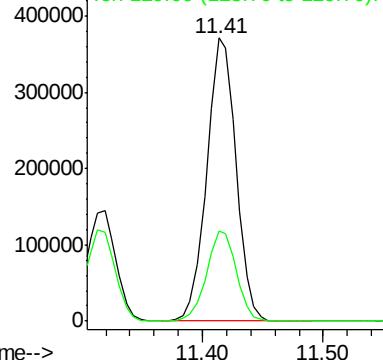
127 100

129 31.6 24.6 37.0



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 44.019 ng/ul

RT: 11.58 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

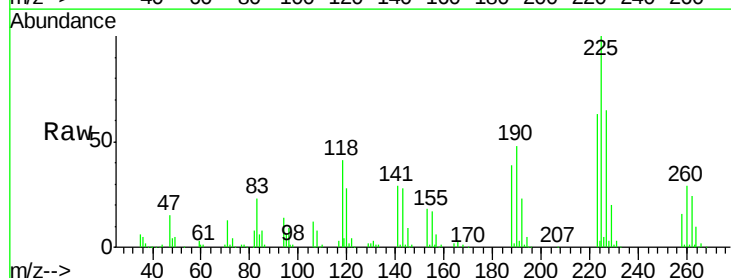
Tgt Ion:225 Resp: 291857

Ion Ratio Lower Upper

225 100

223 62.7 48.1 72.1

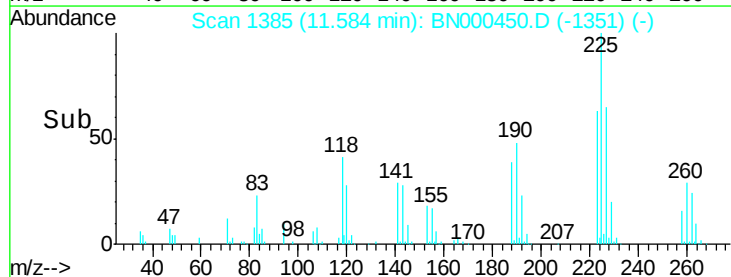
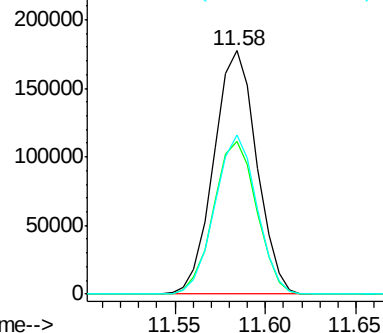
227 65.1 52.1 78.1

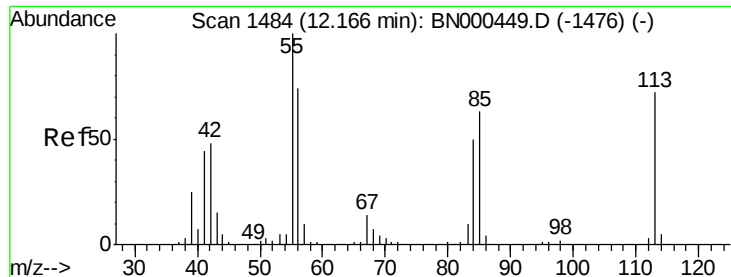


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 36.662 ng/ul

RT: 12.17 min Scan# 1485

Delta R.T. 0.01 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

ClientSampled :

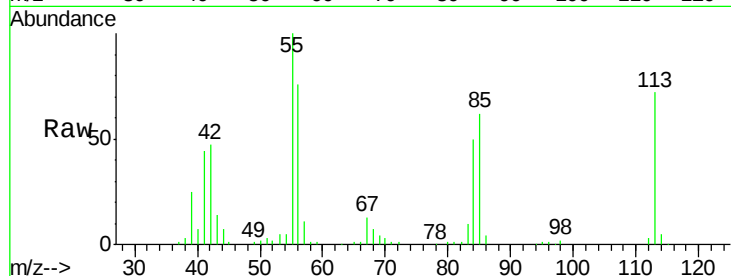
Tot Ion:113 Resp: 173956

Ion Ratio Lower Upper

113 100

55 138.3 131.7 197.5

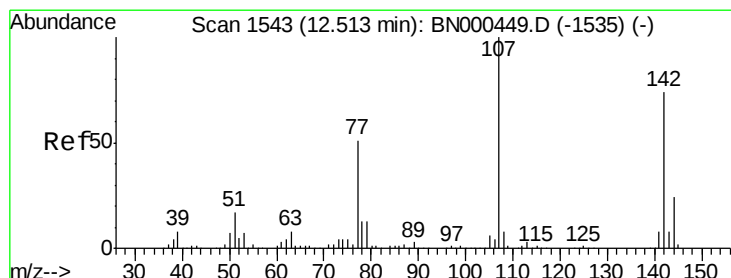
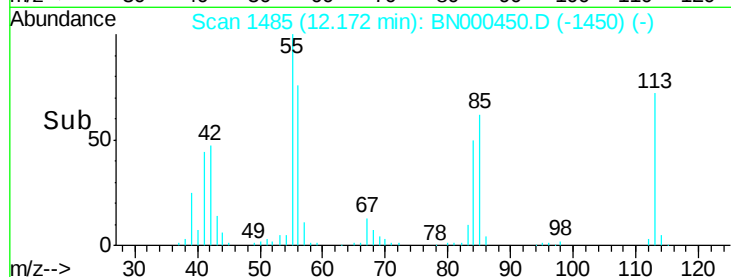
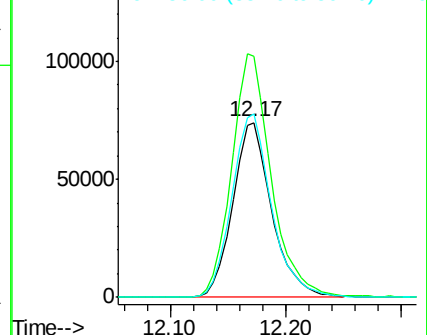
56 105.1 92.7 139.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#33

4-Chloro-3-methylphenol

Concen: 37.568 ng/ul

RT: 12.51 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

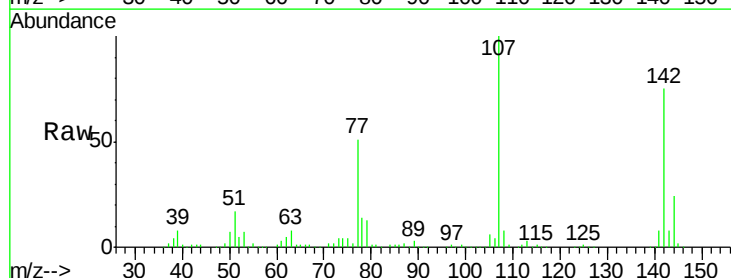
Tgt Ion:107 Resp: 577259

Ion Ratio Lower Upper

107 100

144 24.1 21.1 31.7

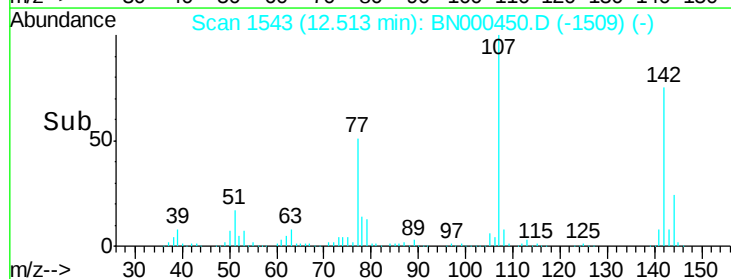
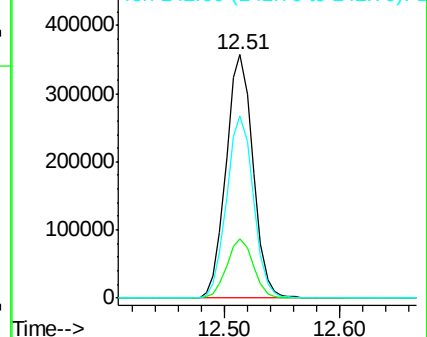
142 75.0 60.1 90.1

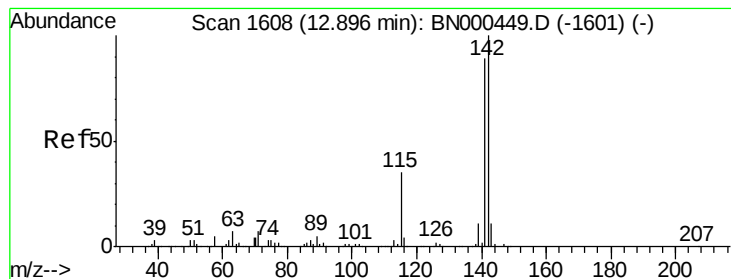


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 36.422 ng/ul

RT: 12.90 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

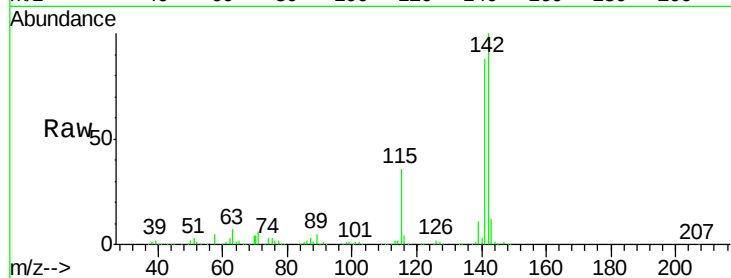
ClientSampleId :

Tot Ion:142 Resp: 1199184

Ion Ratio Lower Upper

142 100

141 88.4 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.90

800000

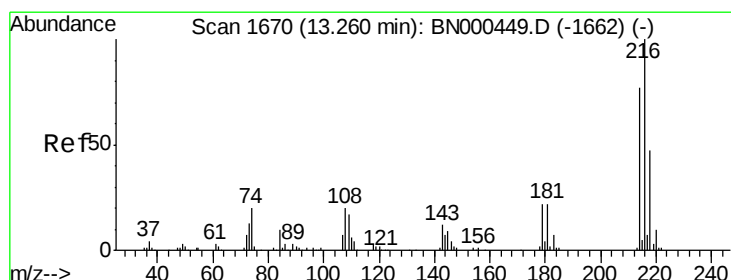
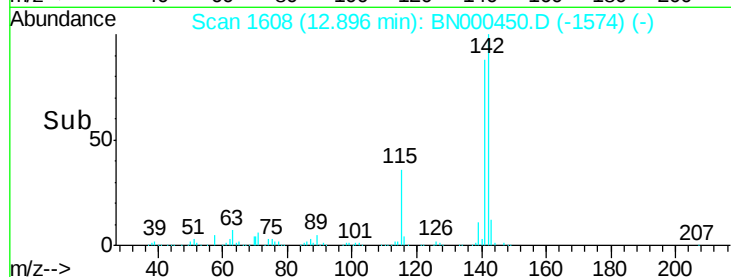
600000

400000

200000

0

Time--> 12.80 12.85 12.90 12.95



#36

1,2,4,5-Tetrachlorobenzene

Concen: 45.462 ng/ul

RT: 13.26 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Tgt Ion:216 Resp: 524479

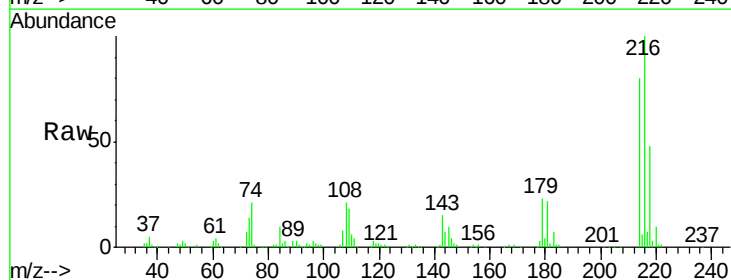
Ion Ratio Lower Upper

216 100

214 80.1 64.1 96.1

179 22.8 14.5 21.7#

108 21.3 10.4 15.6#



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

500000

400000

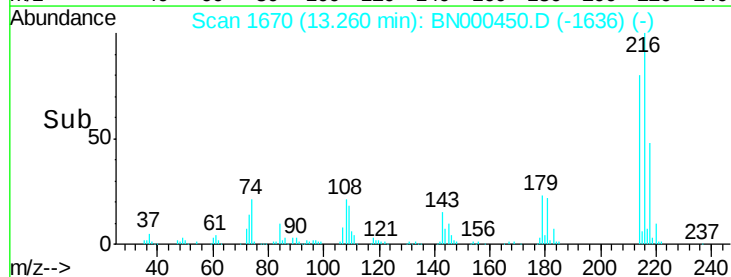
300000

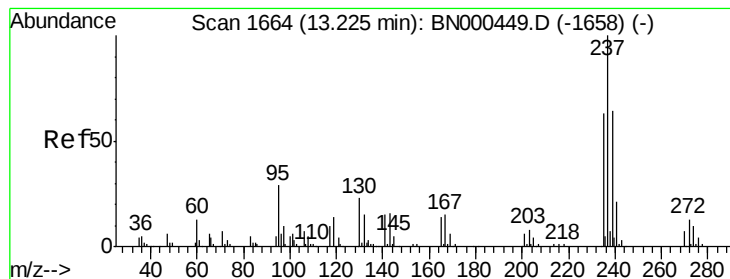
200000

100000

0

Time--> 13.20 13.25 13.30





#37

Hexachlorocyclopentadiene

Concen: 49.515 ng/ul

RT: 13.23 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

ClientSampleId :

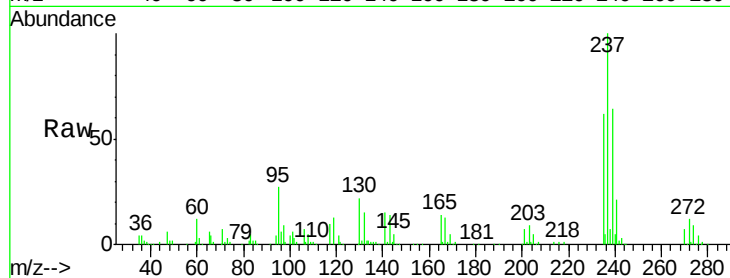
Tot Ion:237 Resp: 276478

Ion Ratio Lower Upper

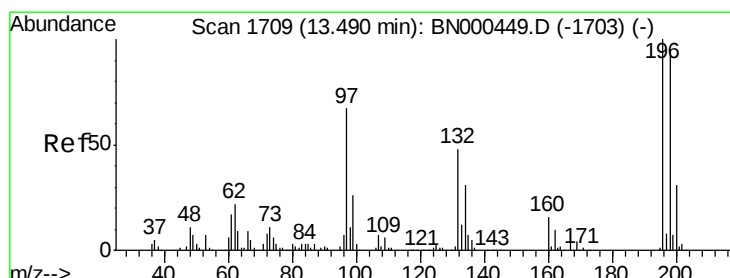
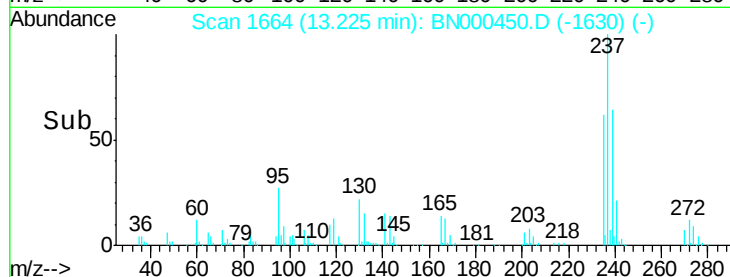
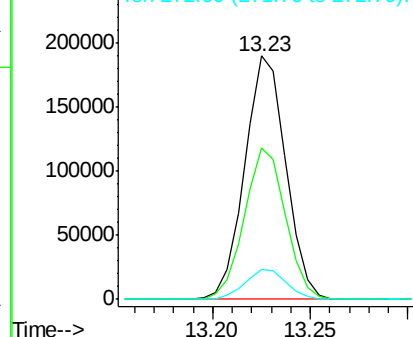
237 100

235 62.3 49.5 74.3

272 12.1 8.6 12.8



Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 47.712 ng/ul

RT: 13.49 min Scan# 1709

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

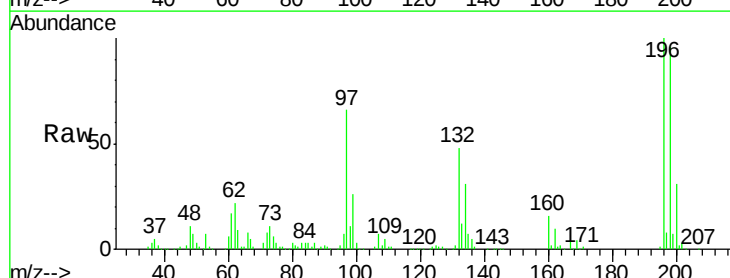
Tgt Ion:196 Resp: 347022

Ion Ratio Lower Upper

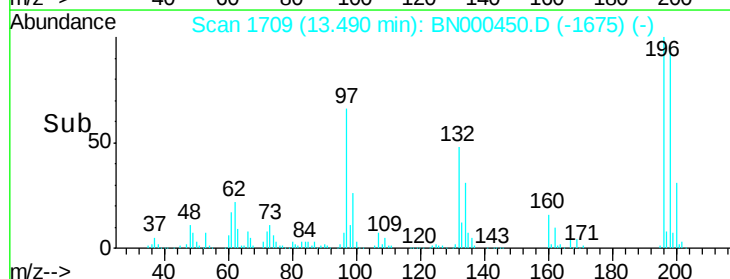
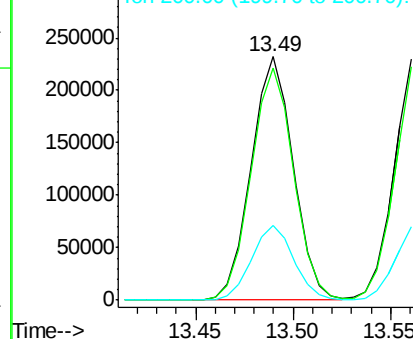
196 100

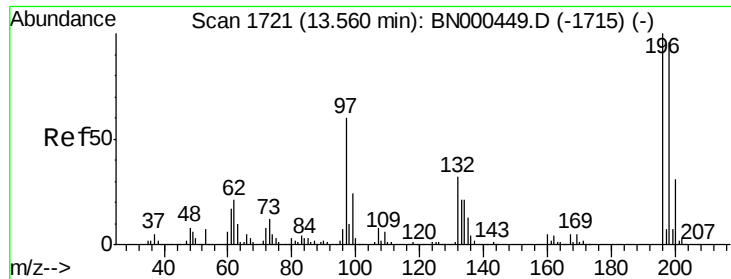
198 95.5 75.9 113.9

200 30.8 25.8 38.6



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

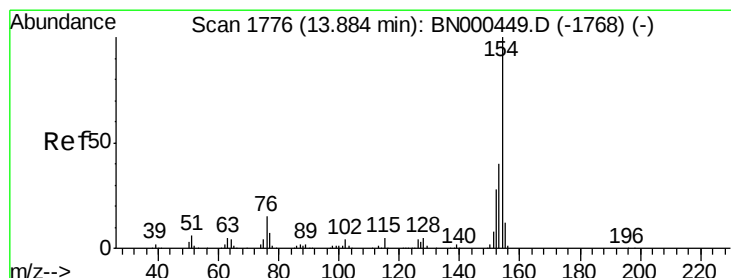
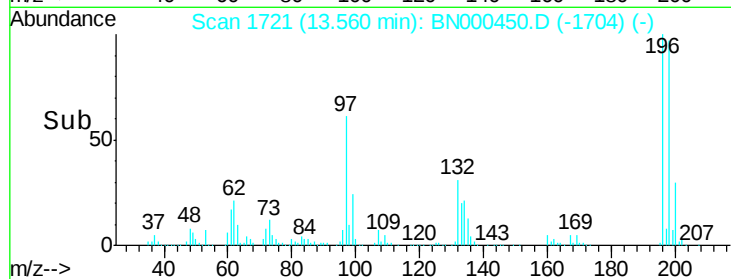
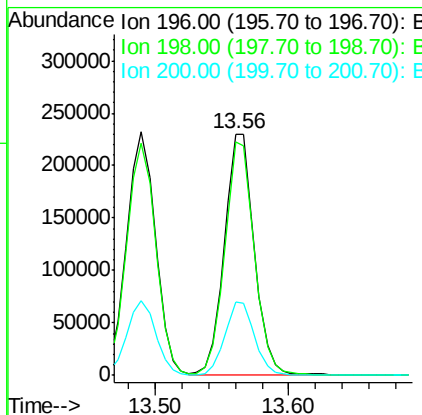
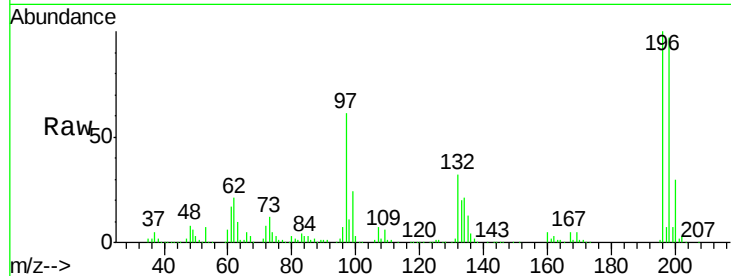




#39
 2,4,5-Trichlorophenol
 Concen: 45.827 ng/ul
 RT: 13.56 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BN000450.D
 Acq: 19 Mar 2018 11:57

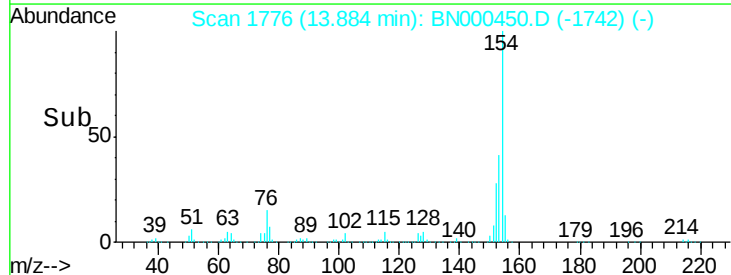
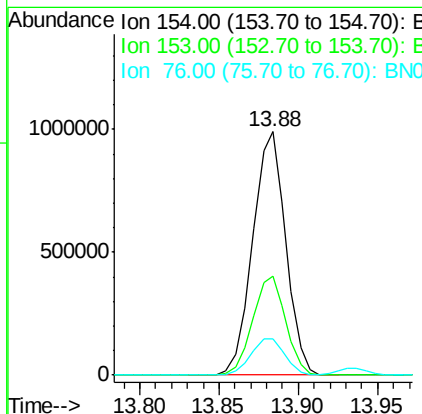
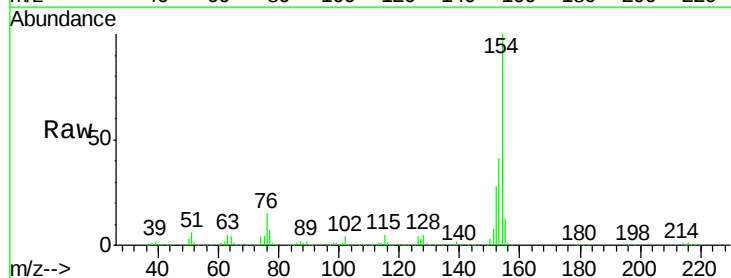
Instrument :
 BNA_N
 ClientSampleId :

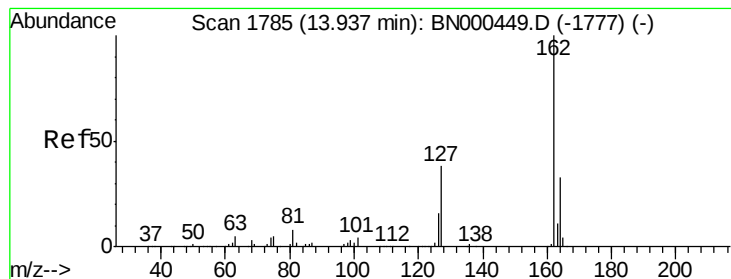
Tot Ion:196 Resp: 358261
 Ion Ratio Lower Upper
 196 100
 198 96.6 74.7 112.1
 200 30.2 25.4 38.0



#40
 1,1'-Biphenyl
 Concen: 41.732 ng/ul
 RT: 13.88 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BN000450.D
 Acq: 19 Mar 2018 11:57

Tgt Ion:154 Resp: 1438736
 Ion Ratio Lower Upper
 154 100
 153 40.6 34.0 51.0
 76 15.1 8.4 12.6#

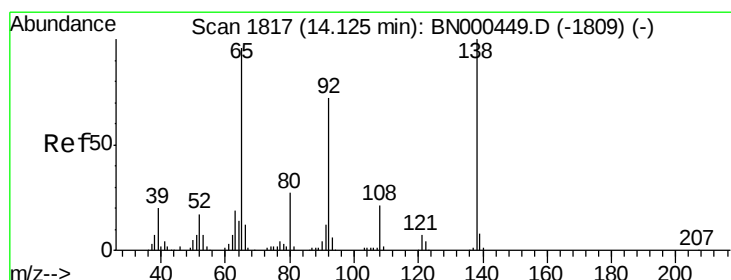
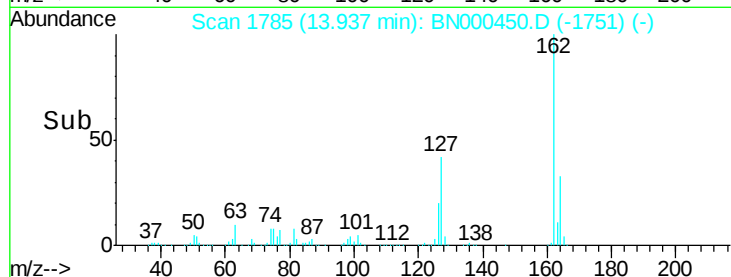
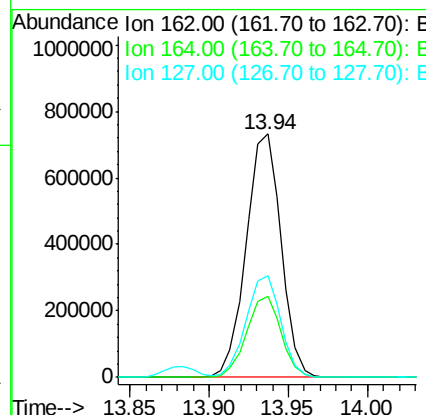
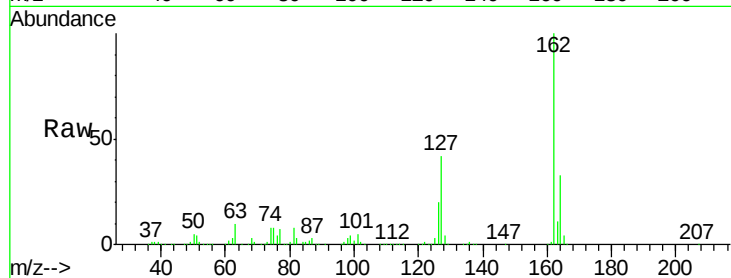




#41
 2-Chloronaphthalene
 Concen: 42.217 ng/ul
 RT: 13.94 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BN000450.D
 Acq: 19 Mar 2018 11:57

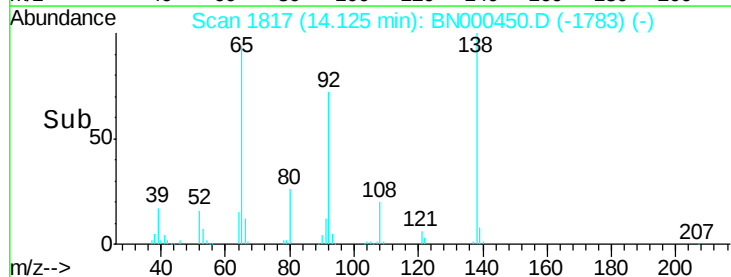
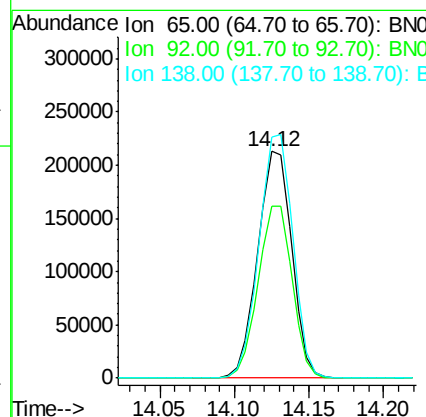
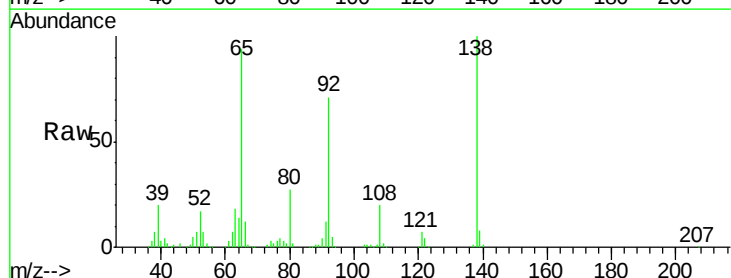
Instrument :
 BNA_N
 ClientSampleId :

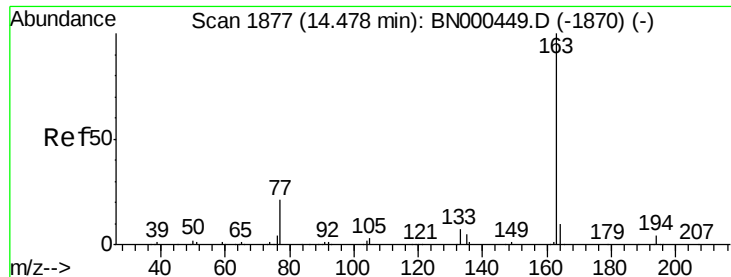
Tot Ion: 162 Resp: 1117729
 Ion Ratio Lower Upper
 162 100
 164 33.1 26.2 39.4
 127 41.6 29.5 44.3



#42
 2-Nitroaniline
 Concen: 49.542 ng/ul
 RT: 14.12 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BN000450.D
 Acq: 19 Mar 2018 11:57

Tgt Ion: 65 Resp: 335882
 Ion Ratio Lower Upper
 65 100
 92 76.0 57.0 85.4
 138 106.5 87.2 130.8





#44

Dimethylphthalate

Concen: 38.659 ng/ul

RT: 14.48 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

ClientSampleId :

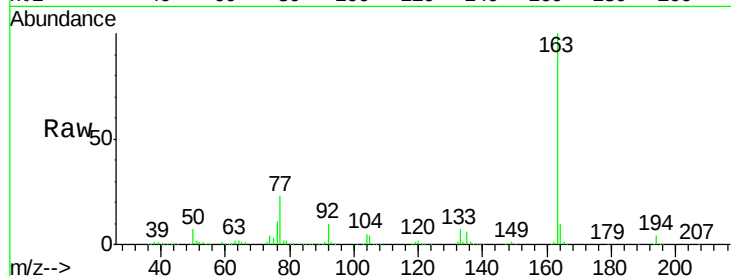
Tot Ion:163 Resp: 1256790

Ion Ratio Lower Upper

163 100

194 3.7 4.0 6.0#

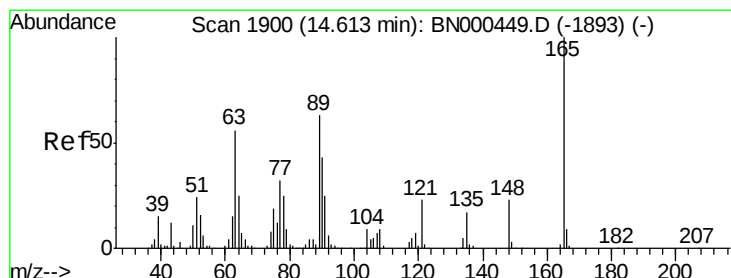
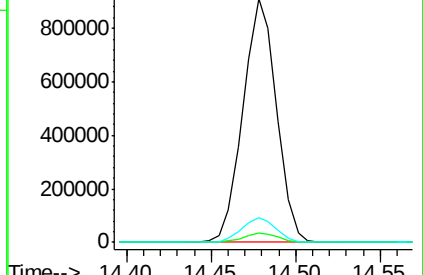
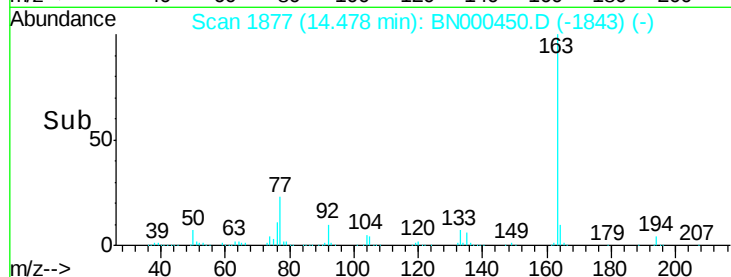
164 10.4 8.4 12.6



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: 48.562 ng/ul

RT: 14.61 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

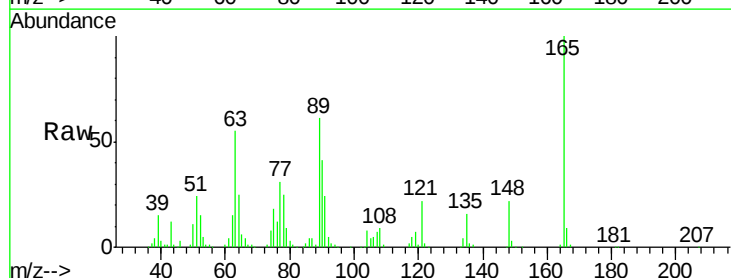
Tgt Ion:165 Resp: 263761

Ion Ratio Lower Upper

165 100

89 61.0 43.8 65.8

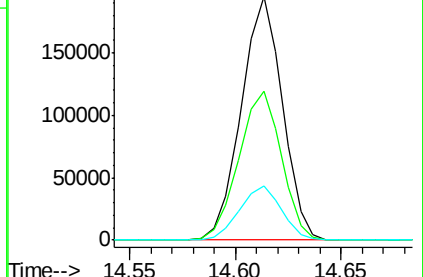
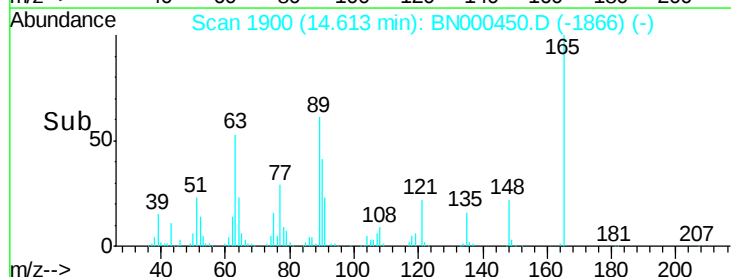
121 22.1 17.8 26.6

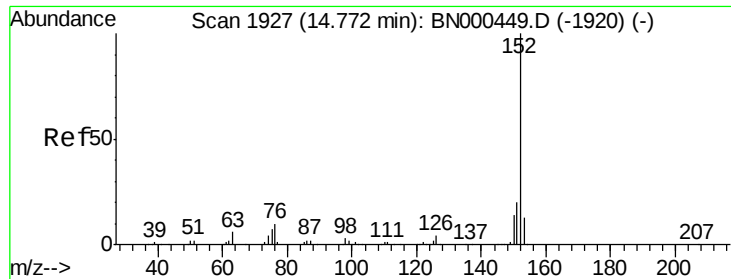


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 41.007 ng/ul

RT: 14.77 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

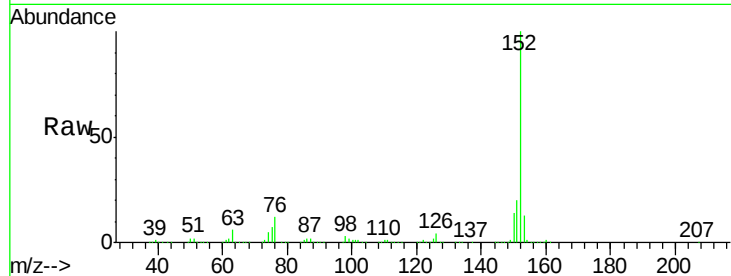
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 1711391

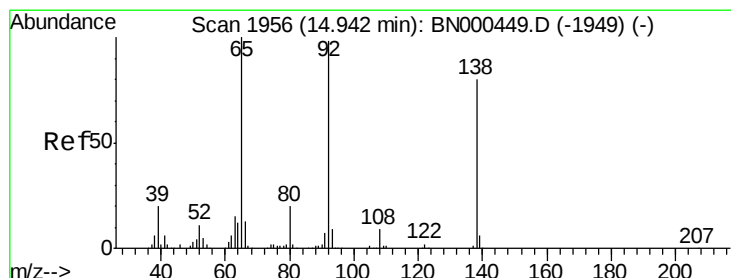
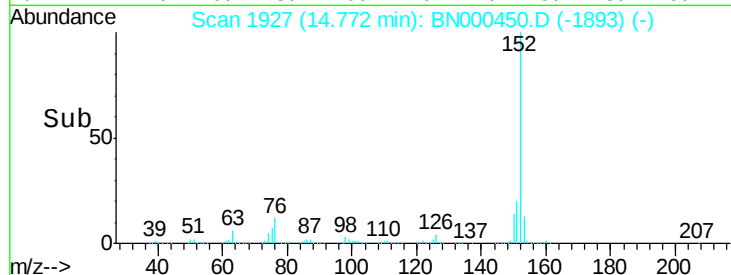
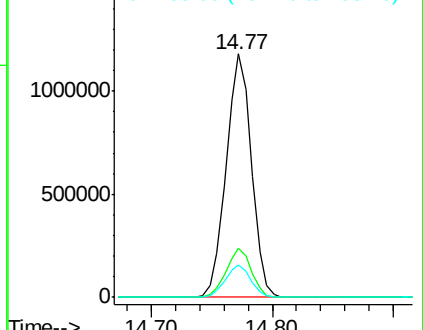
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.2	10.8	16.2



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: 42.769 ng/ul

RT: 14.94 min Scan# 1956

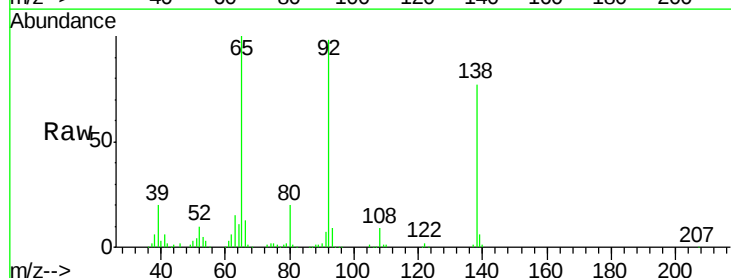
Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Tgt Ion:138 Resp: 278002

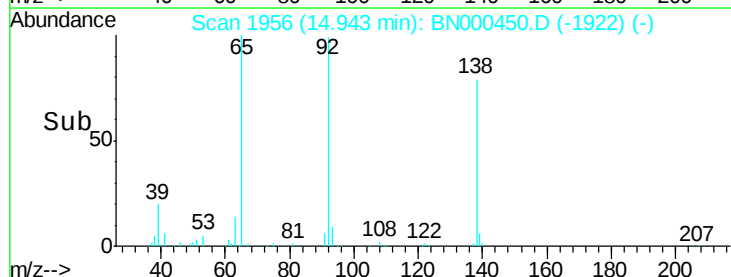
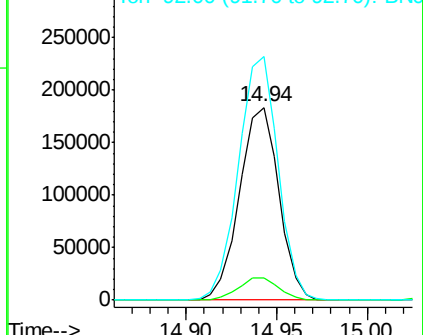
Ion	Ratio	Lower	Upper
138	100		
108	11.7	7.6	11.4#
92	126.4	94.2	141.2

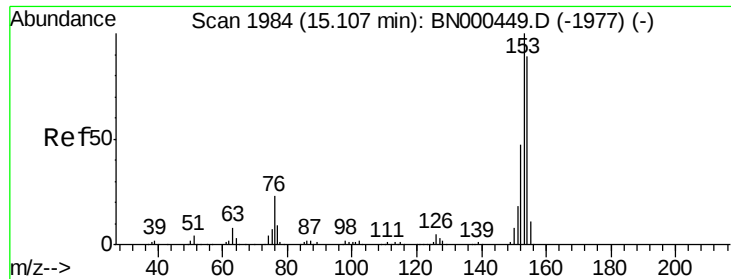


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#49

Acenaphthene

Concen: 39.348 ng/ul

RT: 15.11 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

ClientSampleId :

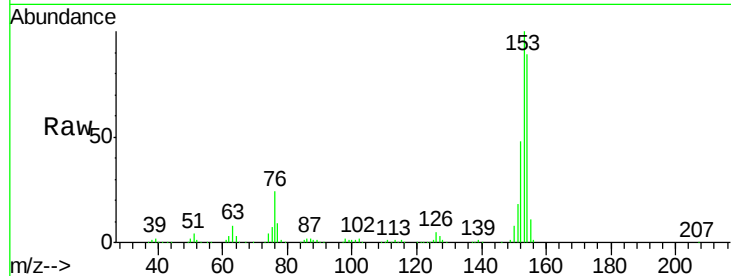
Tot Ion:153 Resp: 1158070

Ion Ratio Lower Upper

153 100

152 47.7 37.9 56.9

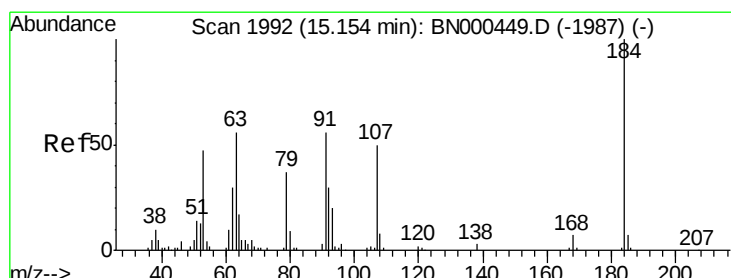
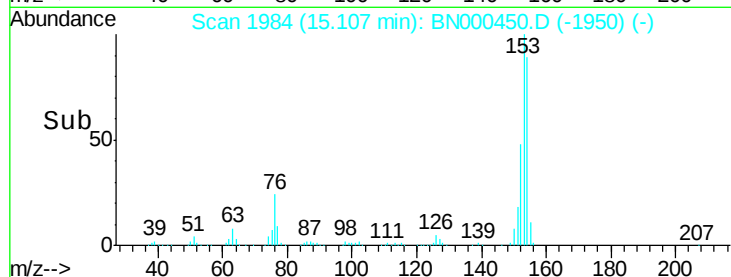
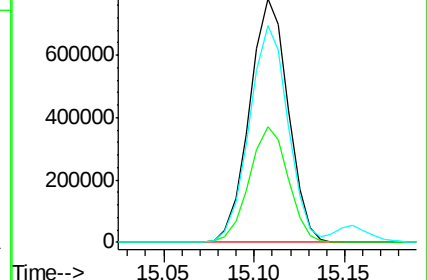
154 89.0 69.8 104.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 47.160 ng/ul

RT: 15.15 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

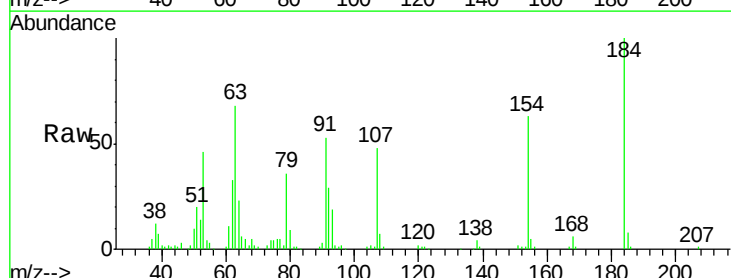
Tgt Ion:184 Resp: 118819

Ion Ratio Lower Upper

184 100

63 67.7 39.7 59.5#

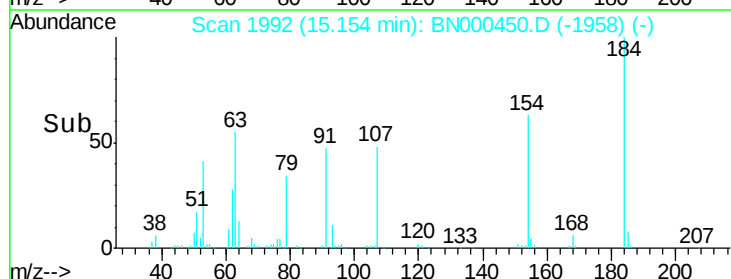
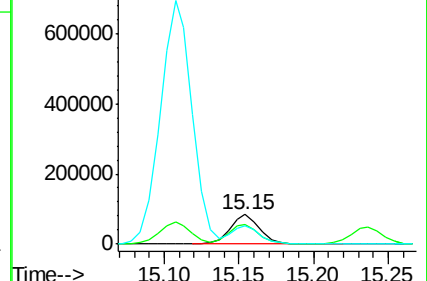
154 63.2 45.0 67.6

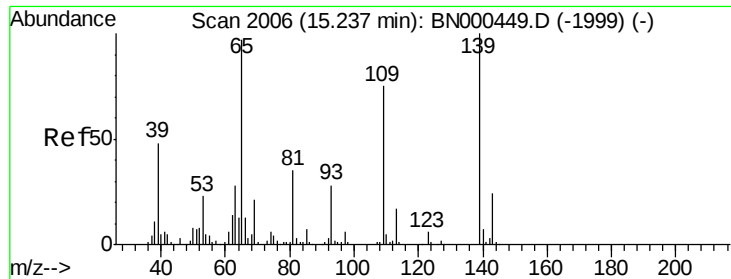


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 154.00 (153.70 to 154.70): E

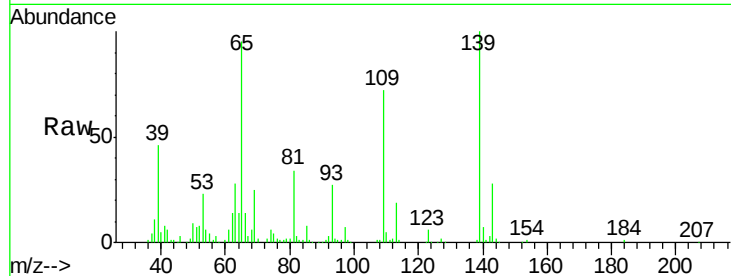




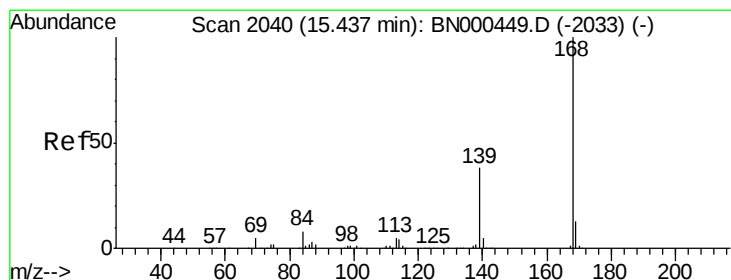
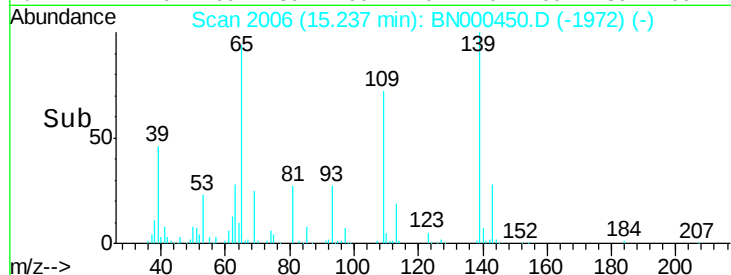
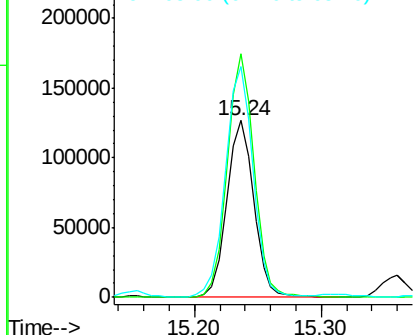
#52
4-Nitrophenol
Concen: 34.802 ng/ul
RT: 15.24 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BN000450.D
Acq: 19 Mar 2018 11:57

Instrument :
BNA_N
ClientSampleId :

Tot Ion:109 Resp: 186579
Ion Ratio Lower Upper
109 100
139 138.0 91.2 136.8#
65 131.0 92.6 139.0

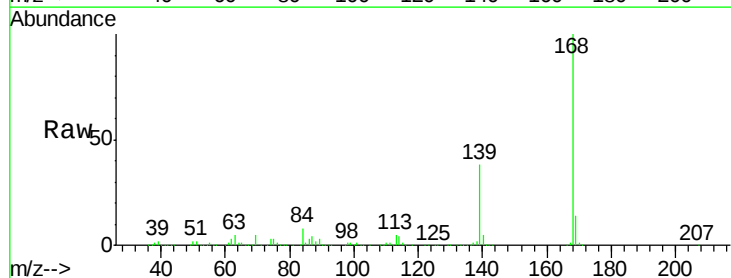


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNC

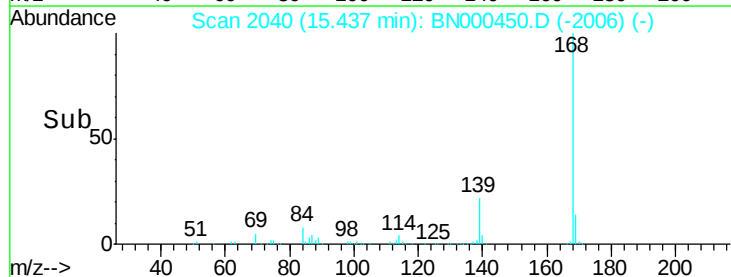
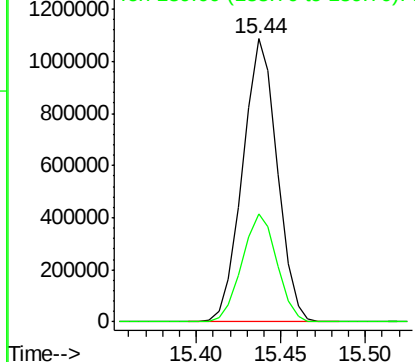


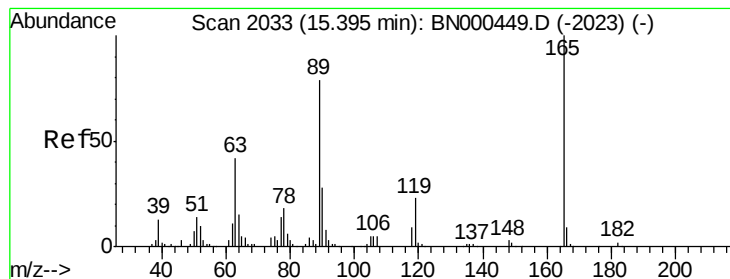
#53
Dibenzofuran
Concen: 37.925 ng/ul
RT: 15.44 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BN000450.D
Acq: 19 Mar 2018 11:57

Tgt Ion:168 Resp: 1549373
Ion Ratio Lower Upper
168 100
139 38.2 31.0 46.4



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





#54

2,4-Dinitrotoluene

Concen: 43.615 ng/ul

RT: 15.40 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

ClientSampleId :

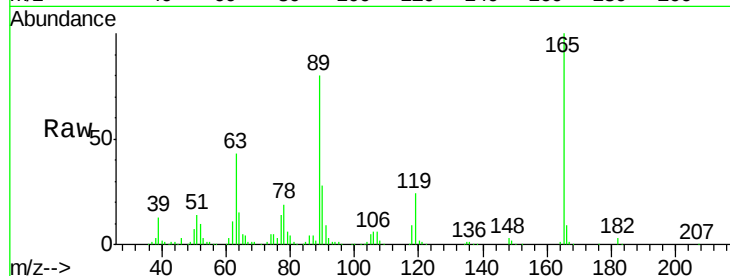
Tot Ion:165 Resp: 366421

Ion Ratio Lower Upper

165 100

63 43.1 31.4 47.0

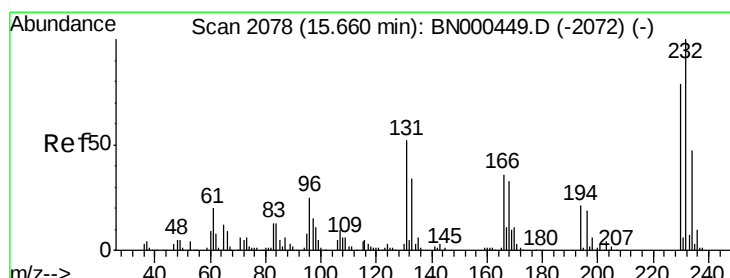
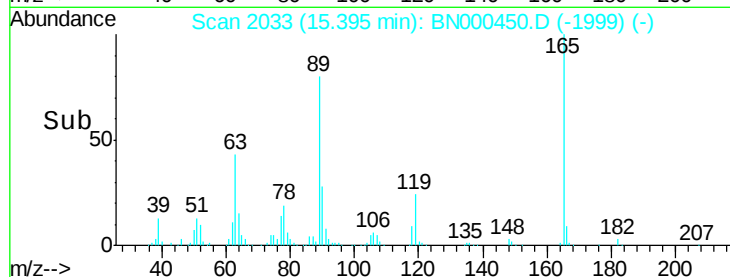
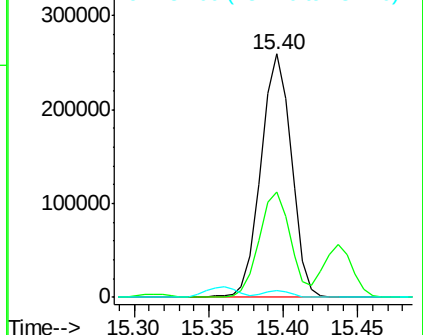
182 2.8 2.7 4.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 42.659 ng/ul

RT: 15.66 min Scan# 2078

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Tgt Ion:232 Resp: 269036

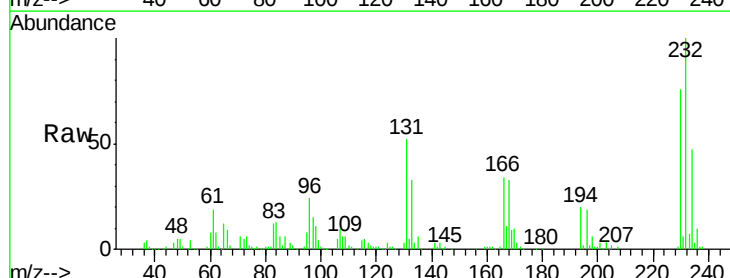
Ion Ratio Lower Upper

232 100

131 51.8 48.0 72.0

130 2.6 4.0 6.0#

166 34.3 32.0 48.0

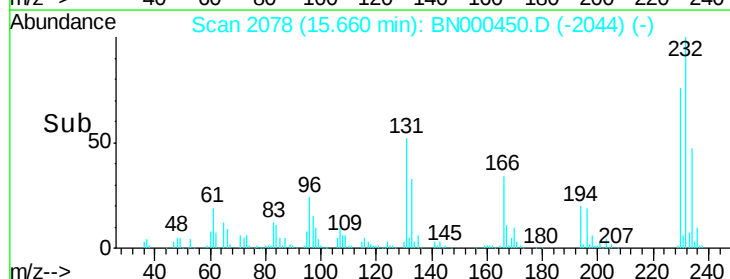
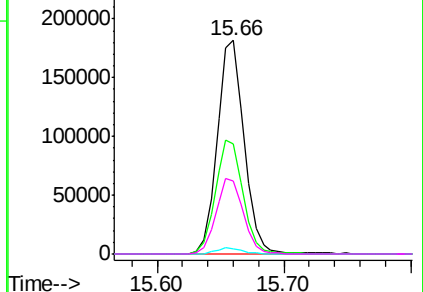


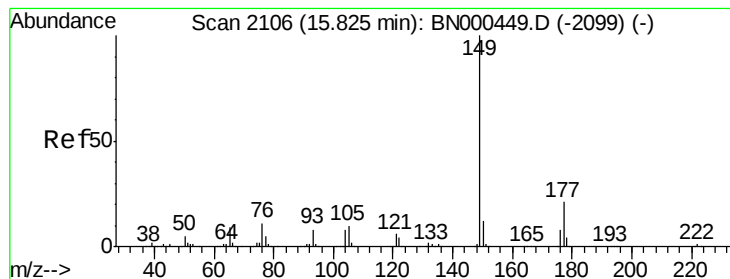
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#56

Diethylphthalate

Concen: 38.399 ng/ul

RT: 15.82 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

ClientSampleId :

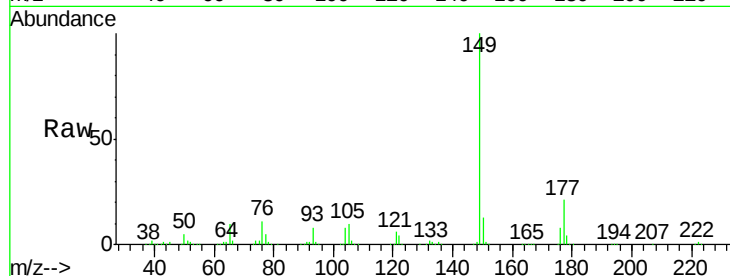
Tot Ion:149 Resp: 1257702

Ion Ratio Lower Upper

149 100

177 21.4 19.3 28.9

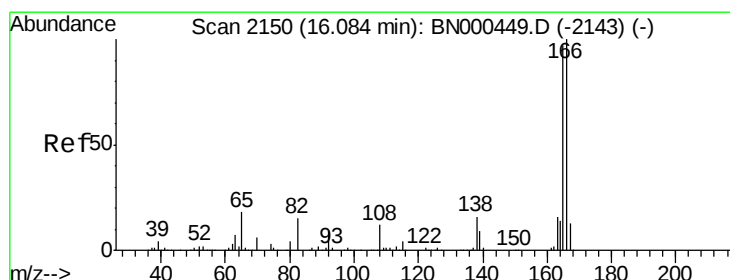
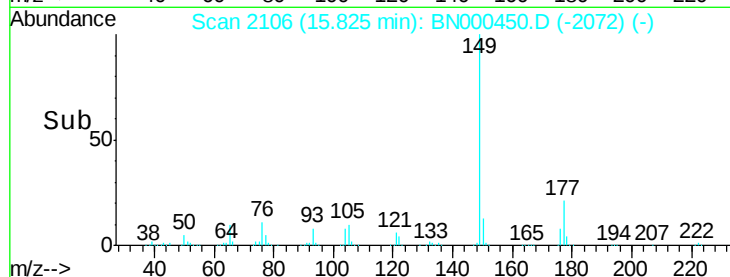
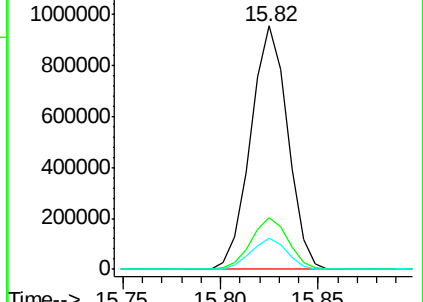
150 12.8 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 37.033 ng/ul

RT: 16.08 min Scan# 2150

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

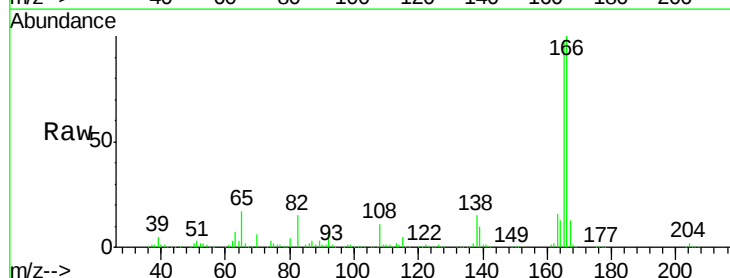
Tgt Ion:166 Resp: 1214644

Ion Ratio Lower Upper

166 100

165 98.5 78.4 117.6

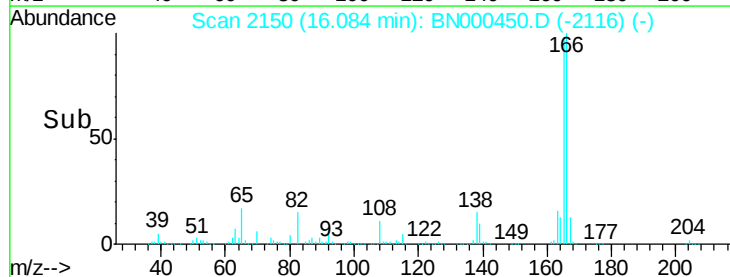
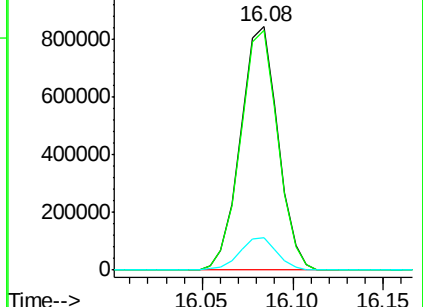
167 13.1 11.1 16.7

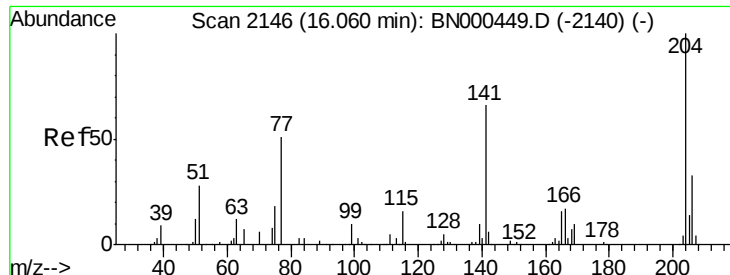


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

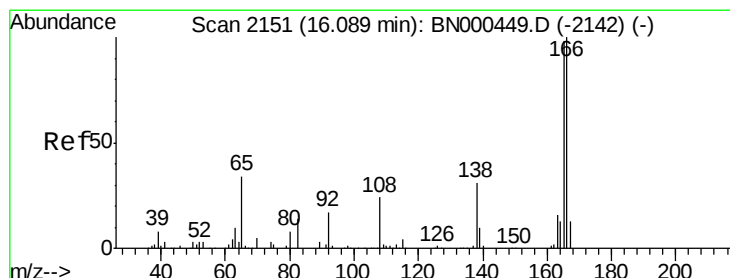
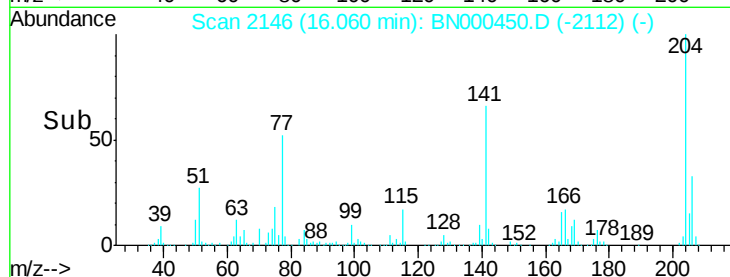
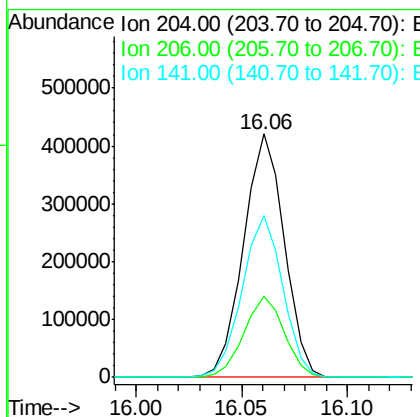
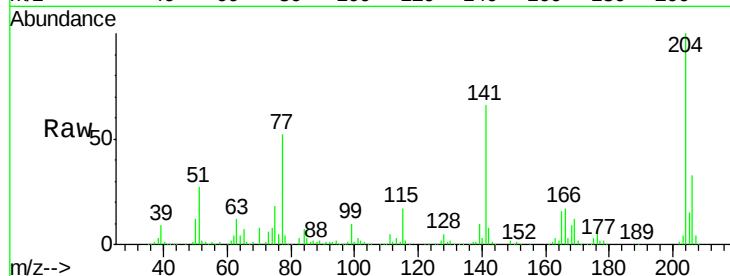




#59
 4-Chlorophenyl-phenylether
 Concen: 38.055 ng/ul
 RT: 16.06 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BN000450.D
 Acq: 19 Mar 2018 11:57

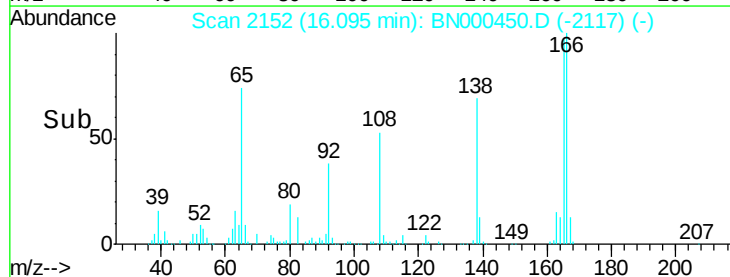
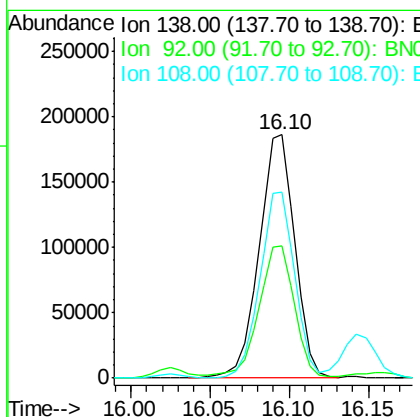
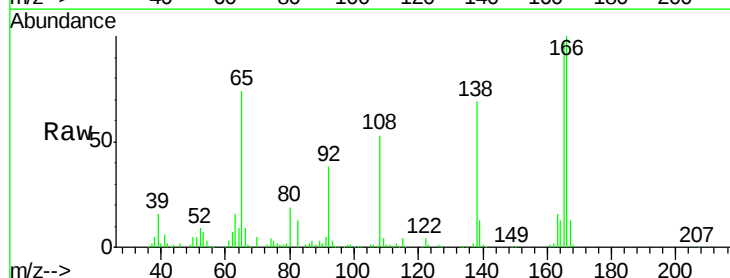
Instrument :
 BNA_N
 ClientSampleId :

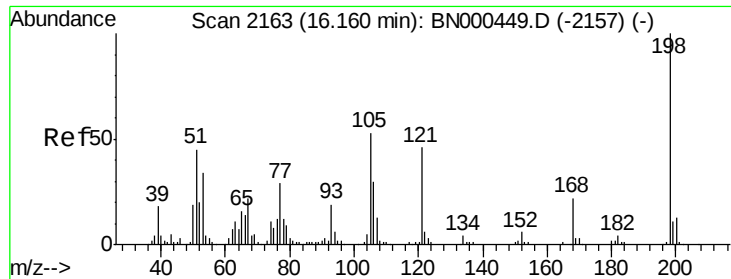
Tot Ion:204 Resp: 563759
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.6 40.0
 141 66.4 40.7 61.1#



#60
 4-Nitroaniline
 Concen: 37.608 ng/ul
 RT: 16.10 min Scan# 2152
 Delta R.T. 0.01 min
 Lab File: BN000450.D
 Acq: 19 Mar 2018 11:57

Tgt Ion:138 Resp: 292467
 Ion Ratio Lower Upper
 138 100
 92 54.4 38.2 57.4
 108 76.2 70.0 105.0

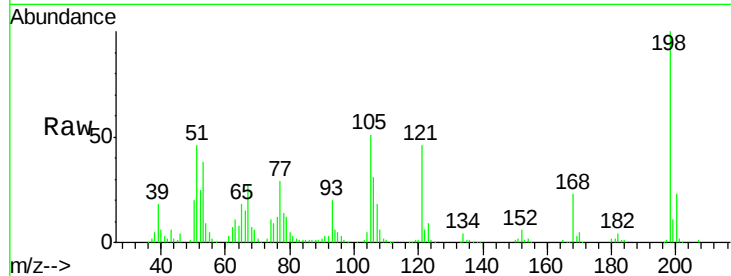




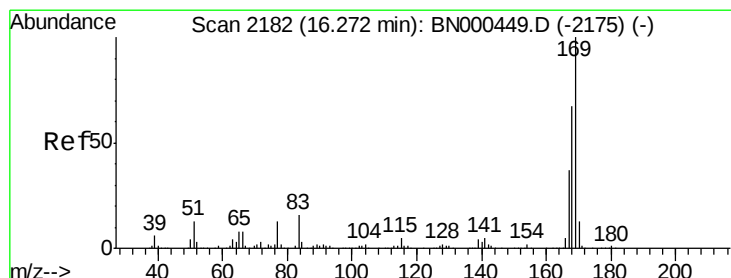
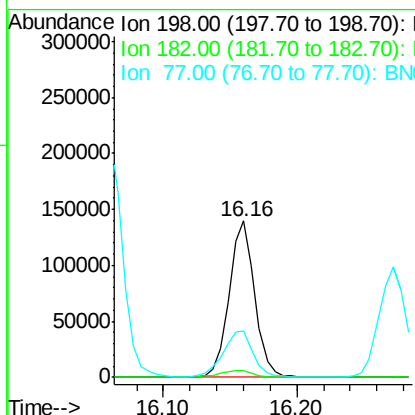
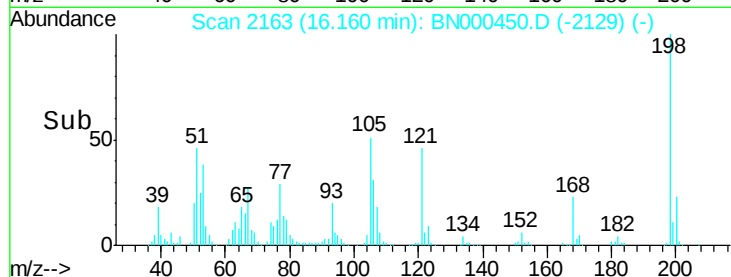
#63
 4,6-Dinitro-2-methylphenol
 Concen: 49.804 ng/ul
 RT: 16.16 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BN000450.D
 Acq: 19 Mar 2018 11:57

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:198 Resp: 187574
 Ion Ratio Lower Upper
 198 100
 182 4.0 3.5 5.3
 77 29.5 18.2 27.4#

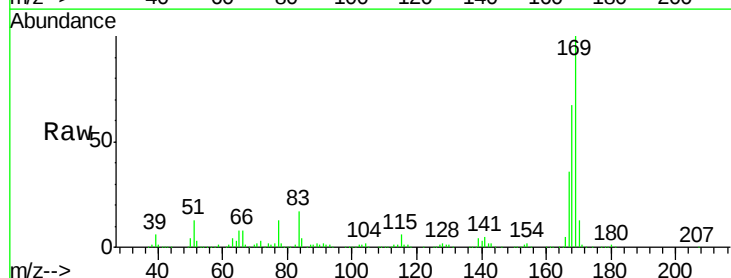


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BNC

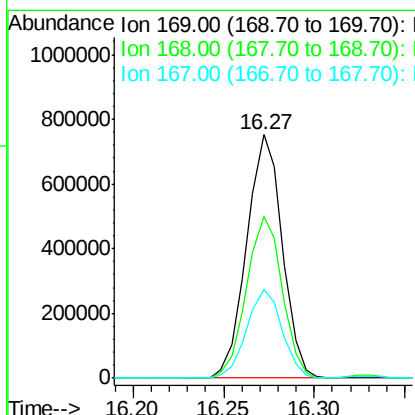
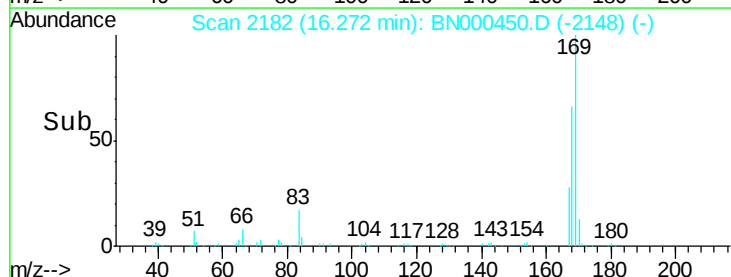


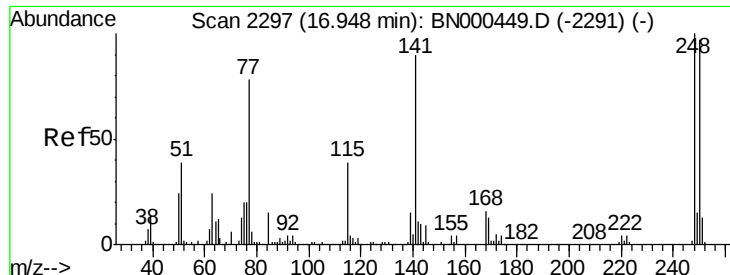
#64
 N-Nitrosodiphenylamine
 Concen: 42.573 ng/ul
 RT: 16.27 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BN000450.D
 Acq: 19 Mar 2018 11:57

Tgt Ion:169 Resp: 1026058
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.8 80.8
 167 36.5 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

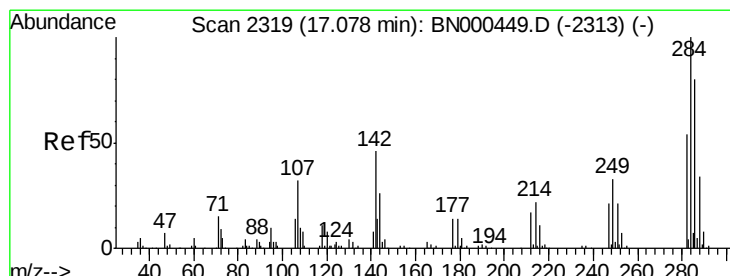
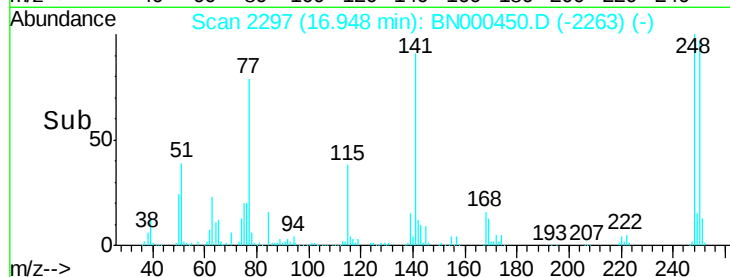
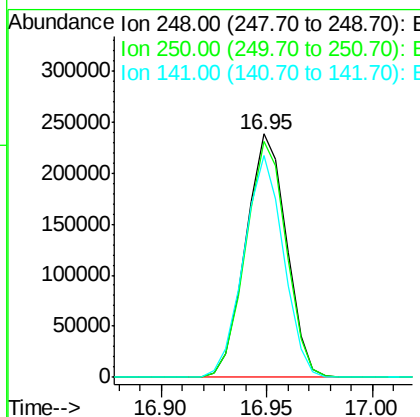
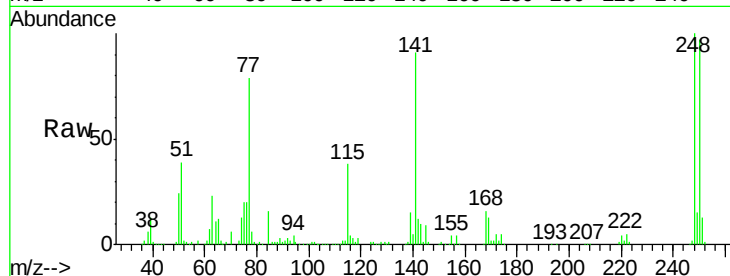




#65
 4-Bromophenyl-phenylether
 Concen: 45.351 ng/ul
 RT: 16.95 min Scan# 2297
 Delta R.T. 0.00 min
 Lab File: BN000450.D
 Acq: 19 Mar 2018 11:57

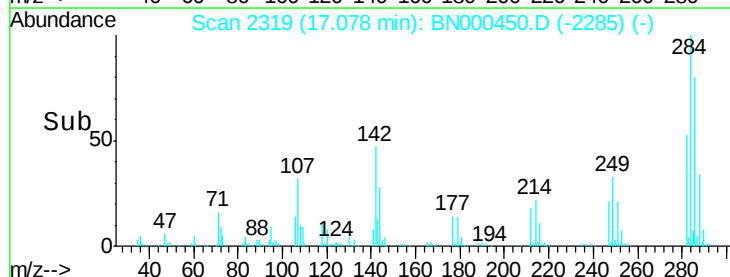
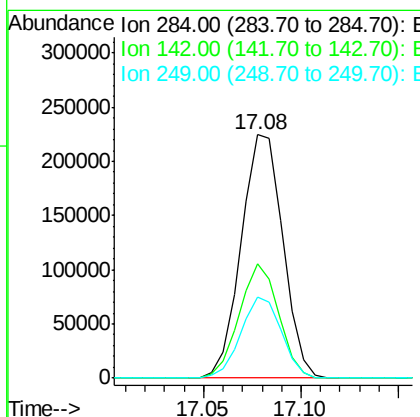
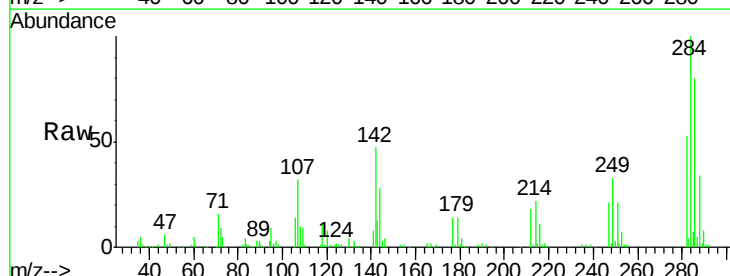
Instrument :
 BNA_N
 ClientSampleId :

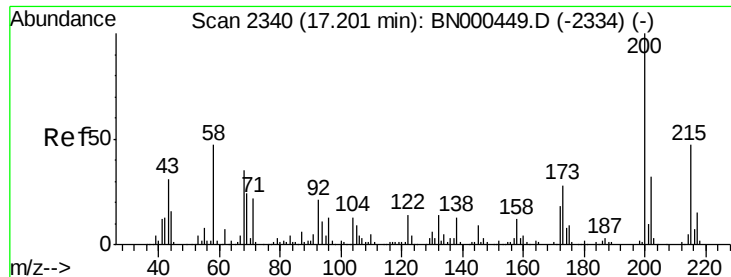
Tot Ion:248 Resp: 319798
 Ion Ratio Lower Upper
 248 100
 250 97.1 79.0 118.4
 141 91.2 51.9 77.9#



#66
 Hexachlorobenzene
 Concen: 42.460 ng/ul
 RT: 17.08 min Scan# 2319
 Delta R.T. 0.00 min
 Lab File: BN000450.D
 Acq: 19 Mar 2018 11:57

Tgt Ion:284 Resp: 333614
 Ion Ratio Lower Upper
 284 100
 142 46.9 21.3 31.9#
 249 33.4 26.3 39.5





#67

Atrazine

Concen: 44.739 ng/ul

RT: 17.20 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

ClientSampleId :

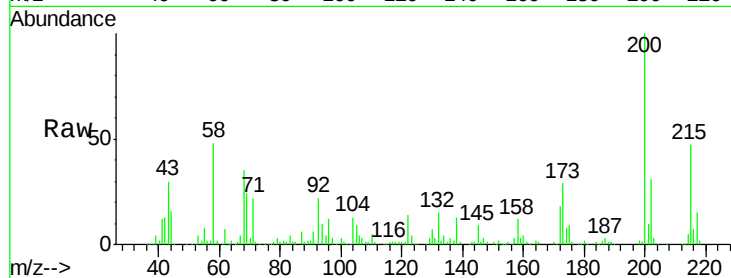
Tot Ion:200 Resp: 325980

Ion Ratio Lower Upper

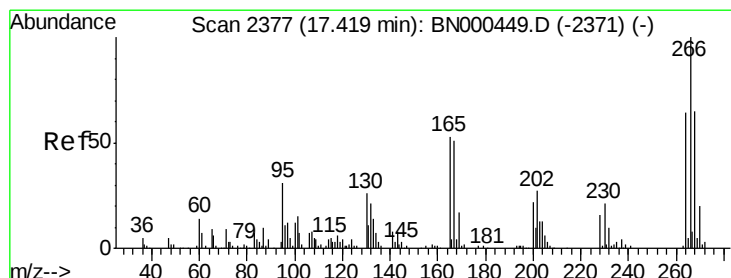
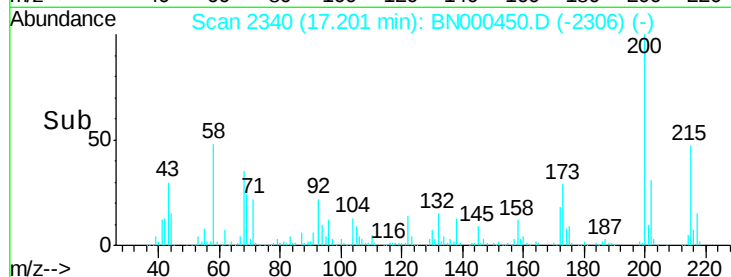
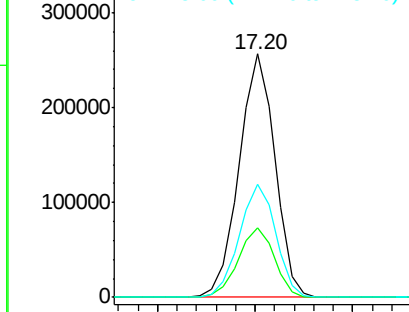
200 100

173 28.5 20.6 31.0

215 46.6 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: 41.009 ng/ul

RT: 17.42 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

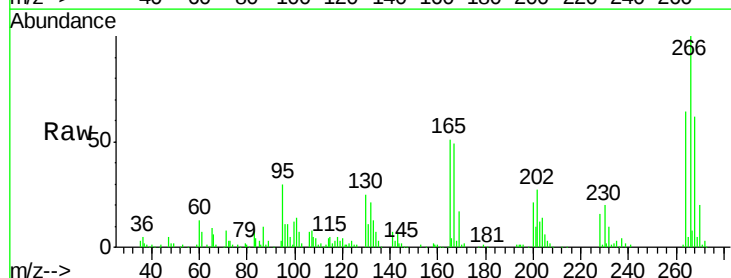
Tgt Ion:266 Resp: 174828

Ion Ratio Lower Upper

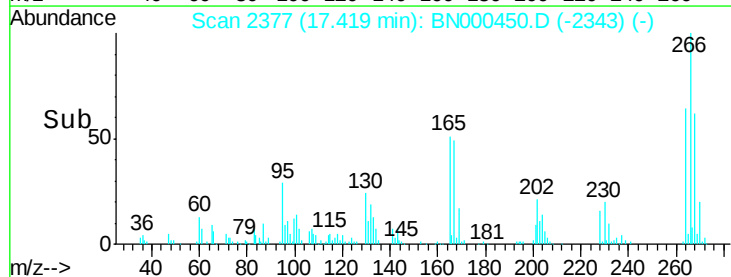
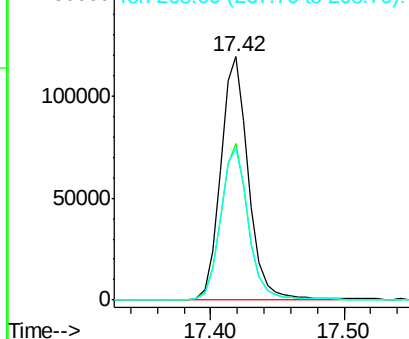
266 100

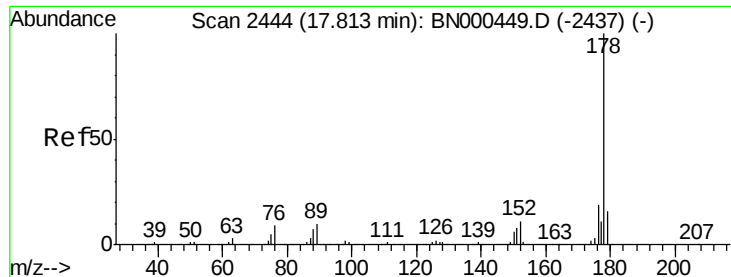
264 64.3 48.2 72.4

268 62.4 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: 39.113 ng/ul

RT: 17.81 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

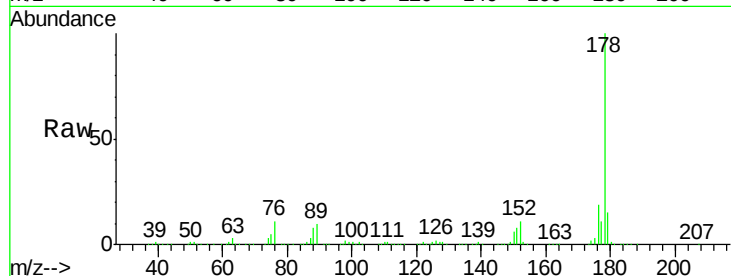
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 1773424

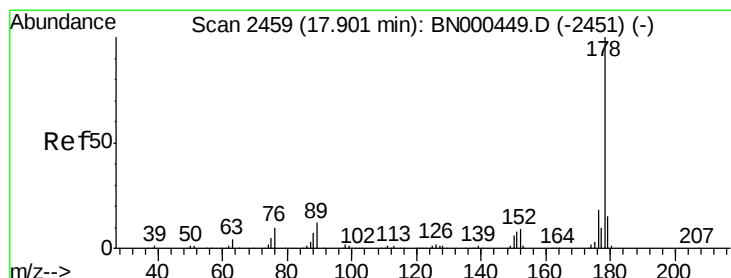
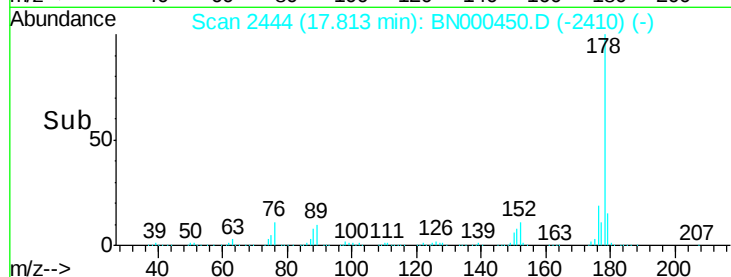
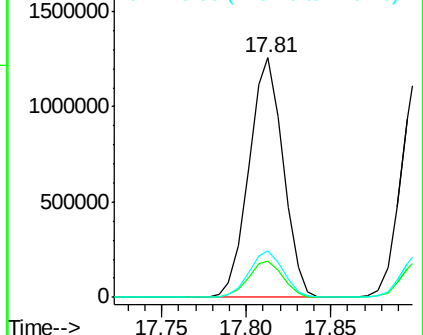
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.4	15.4	23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 39.429 ng/ul

RT: 17.90 min Scan# 2459

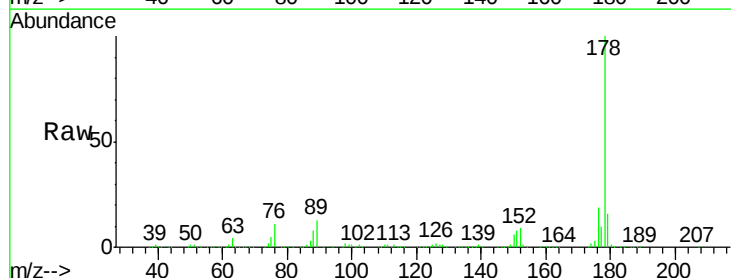
Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Tgt Ion:178 Resp: 1820454

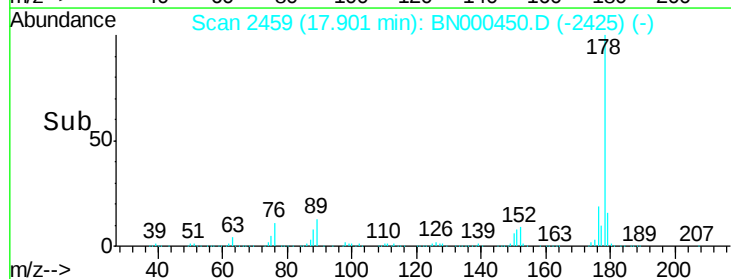
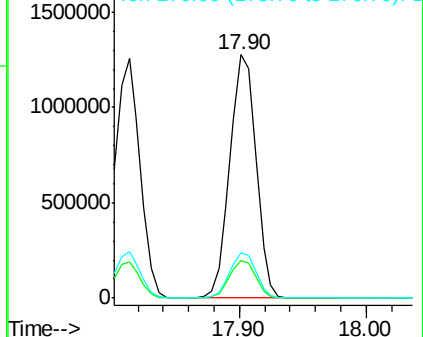
Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	18.7	15.4	23.0

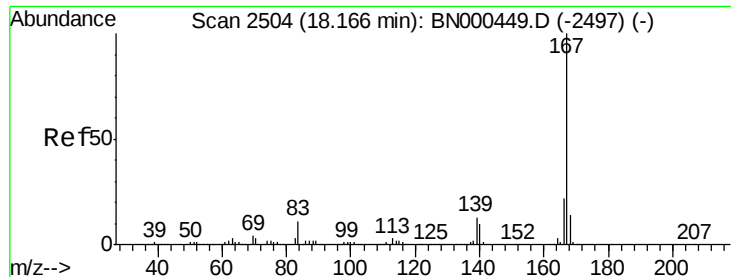


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 39.183 ng/ul

RT: 18.17 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

ClientSampled :

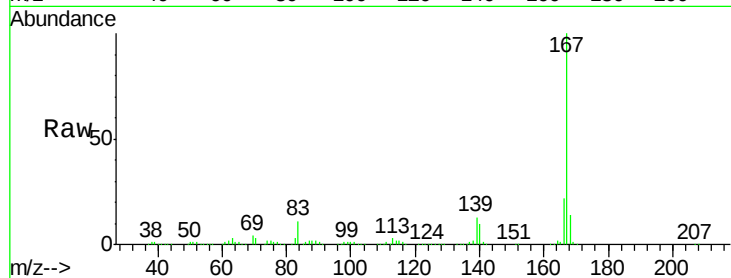
Tot Ion:167 Resp: 1621044

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.4

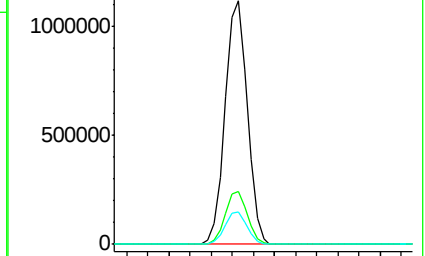
139 13.3 9.1 13.7



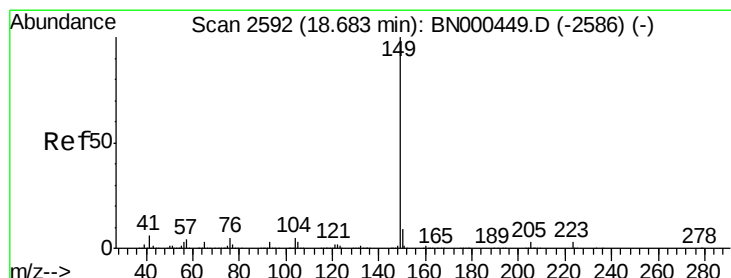
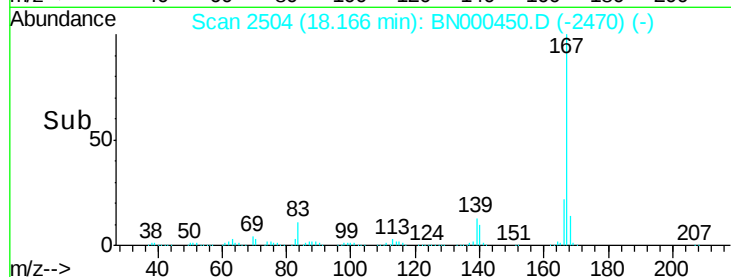
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 45.439 ng/ul

RT: 18.68 min Scan# 2592

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

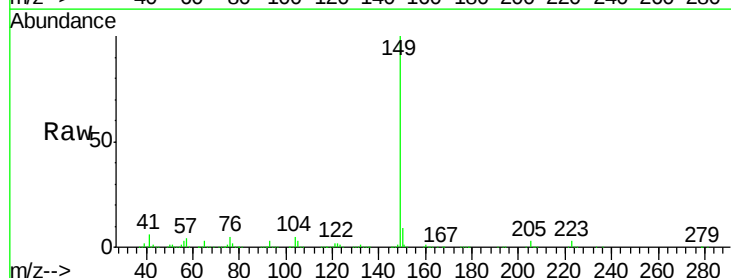
Tgt Ion:149 Resp: 2039519

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

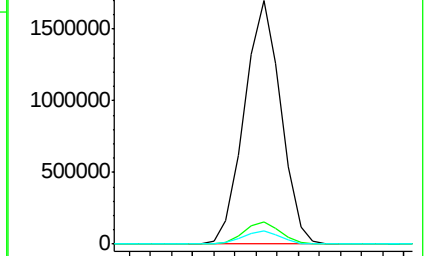
104 5.3 4.1 6.1



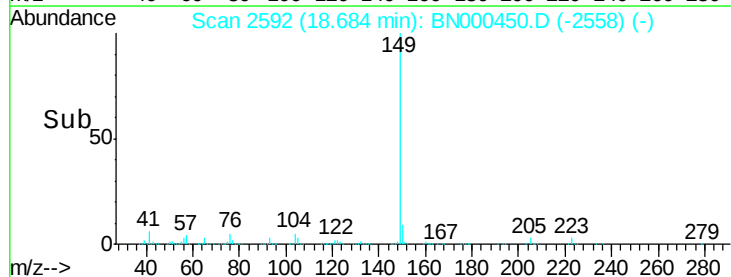
Abundance Ion 149.00 (148.70 to 149.70): E

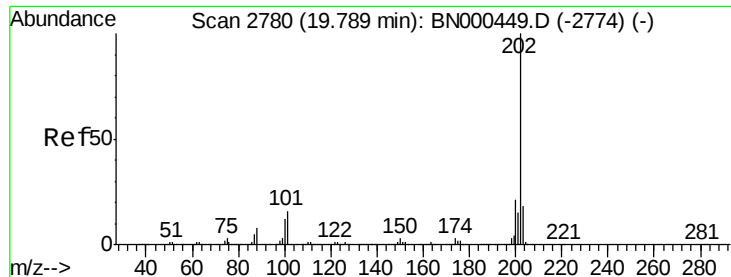
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

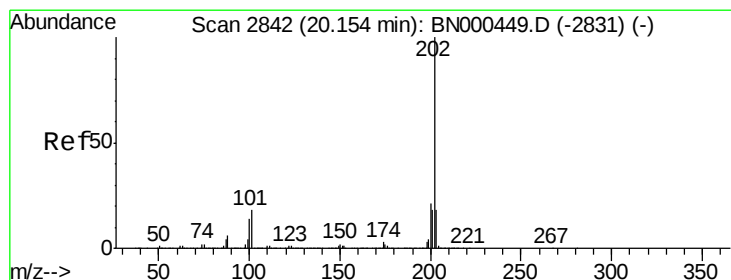
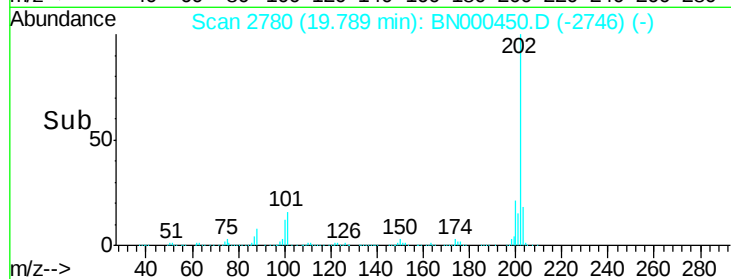
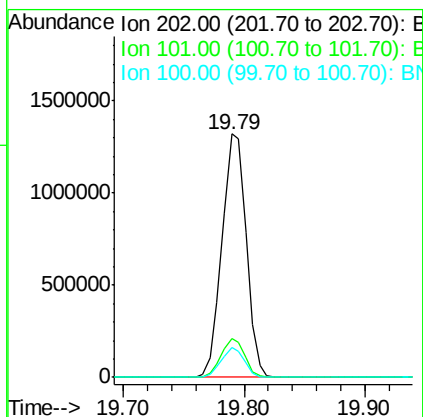
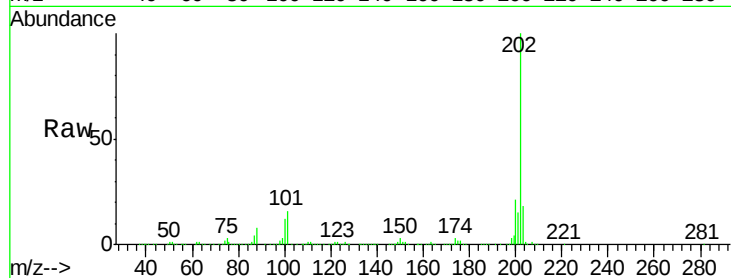




#74
 Fluoranthene
 Concen: 38.655 ng/ul
 RT: 19.79 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: BN000450.D
 Acq: 19 Mar 2018 11:57

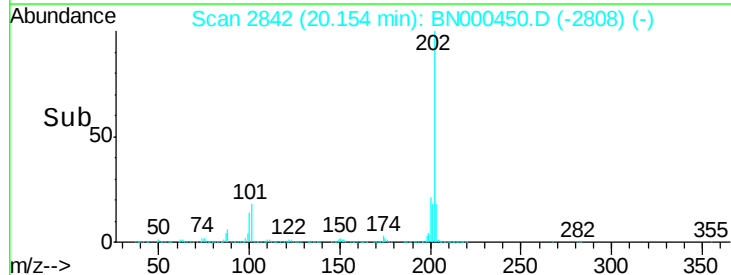
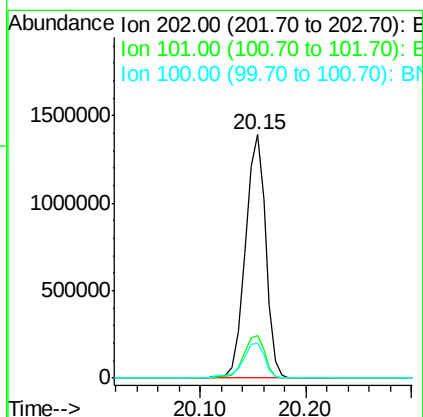
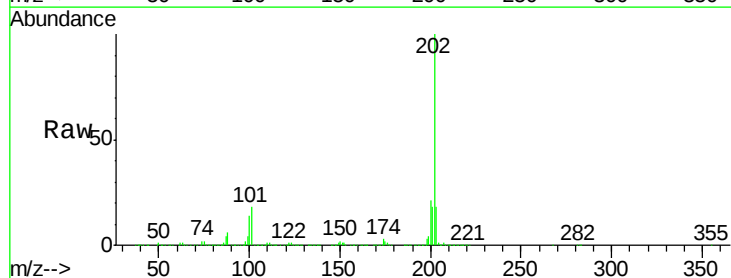
Instrument :
 BNA_N
 ClientSampleId :

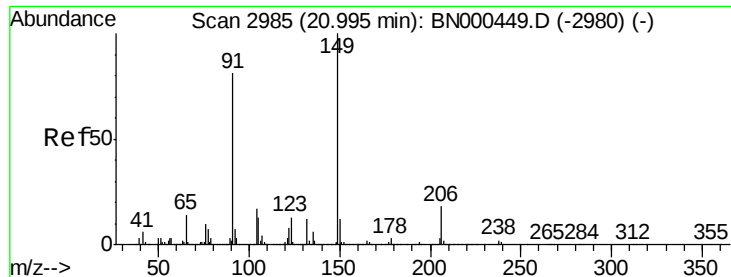
Tot Ion:202 Resp: 1834871
 Ion Ratio Lower Upper
 202 100
 101 16.1 6.1 9.1#
 100 12.1 4.6 7.0#



#77
 Pyrene
 Concen: 43.515 ng/ul
 RT: 20.15 min Scan# 2842
 Delta R.T. 0.00 min
 Lab File: BN000450.D
 Acq: 19 Mar 2018 11:57

Tgt Ion:202 Resp: 1851623
 Ion Ratio Lower Upper
 202 100
 101 17.7 6.9 10.3#
 100 14.4 5.6 8.4#

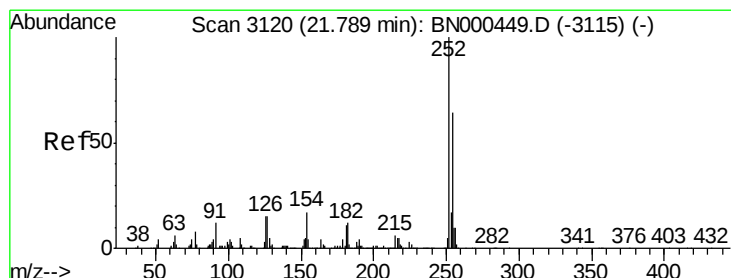
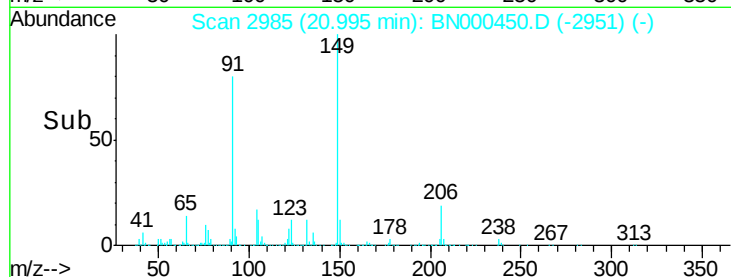
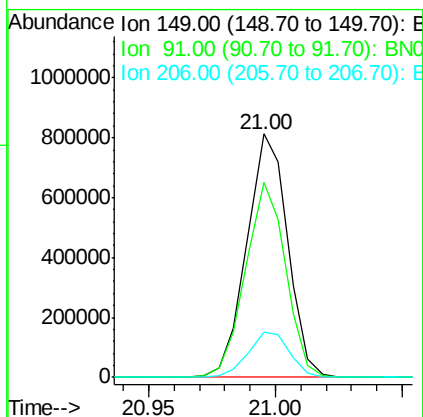
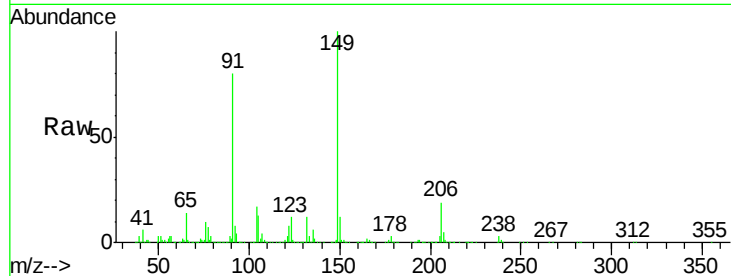




#78
Butylbenzylphthalate
Concen: 55.480 ng/ul
RT: 21.00 min Scan# 2985
Delta R.T. 0.00 min
Lab File: BN000450.D
Acq: 19 Mar 2018 11:57

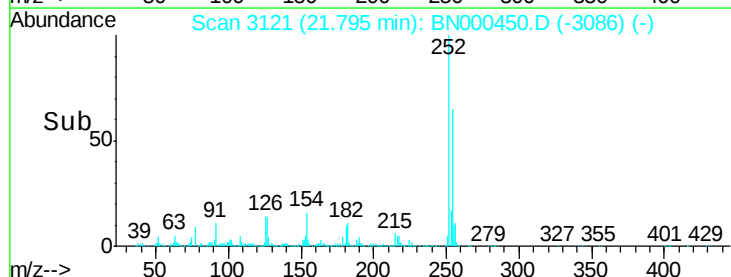
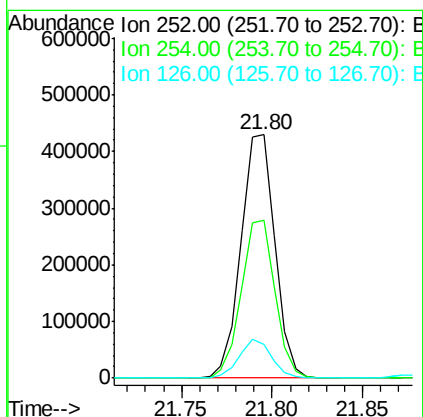
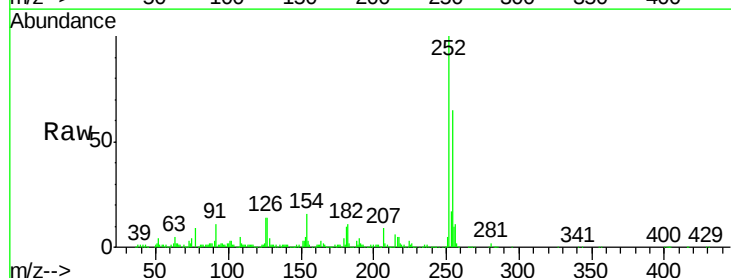
Instrument :
BNA_N
ClientSampleId :

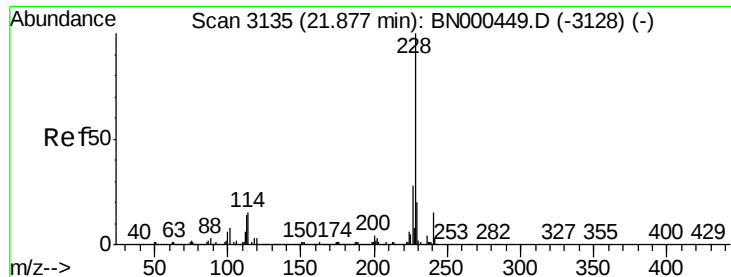
Tot Ion:149 Resp: 913382
Ion Ratio Lower Upper
149 100
91 80.1 53.4 80.0#
206 18.7 19.3 28.9#



#79
3,3'-Dichlorobenzidine
Concen: 46.109 ng/ul
RT: 21.80 min Scan# 3121
Delta R.T. 0.01 min
Lab File: BN000450.D
Acq: 19 Mar 2018 11:57

Tgt Ion:252 Resp: 561249
Ion Ratio Lower Upper
252 100
254 65.1 52.8 79.2
126 13.7 6.9 10.3#





#80

Benzo(a)anthracene

Concen: 40.886 ng/ul

RT: 21.88 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

ClientSampleId :

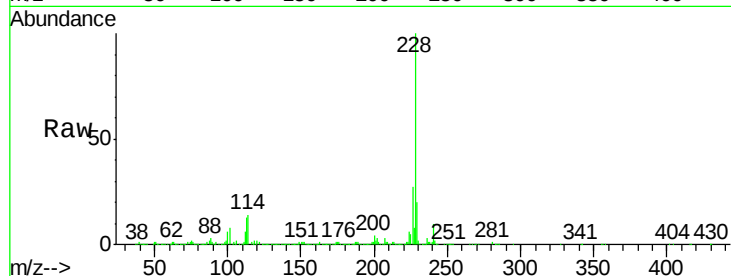
Tot Ion:228 Resp: 1705113

Ion Ratio Lower Upper

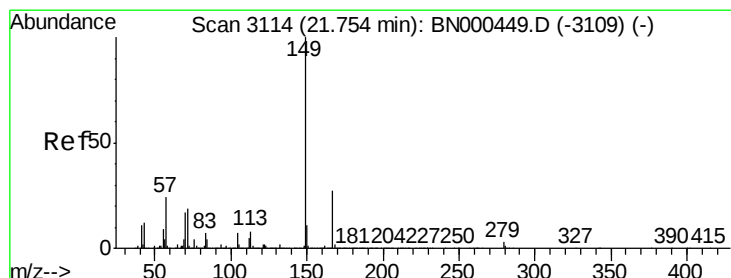
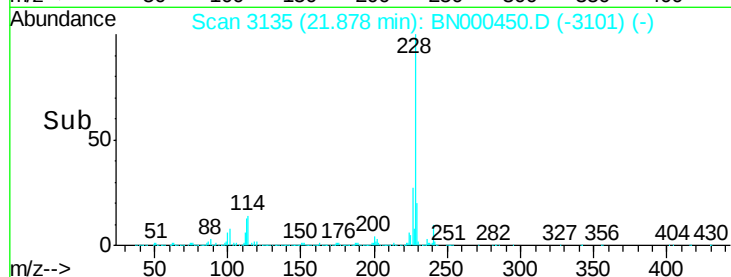
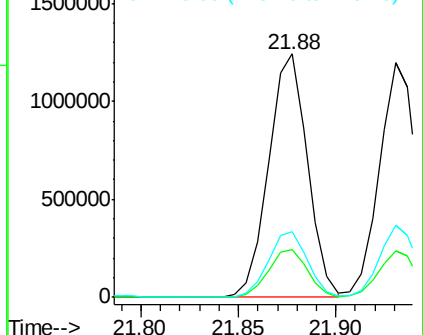
228 100

229 19.5 16.0 24.0

226 27.1 21.8 32.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 53.189 ng/ul

RT: 21.75 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

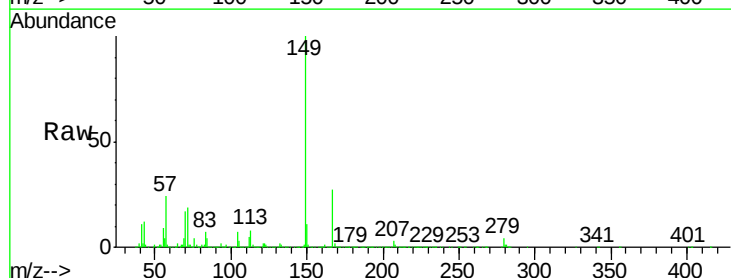
Tgt Ion:149 Resp: 1315734

Ion Ratio Lower Upper

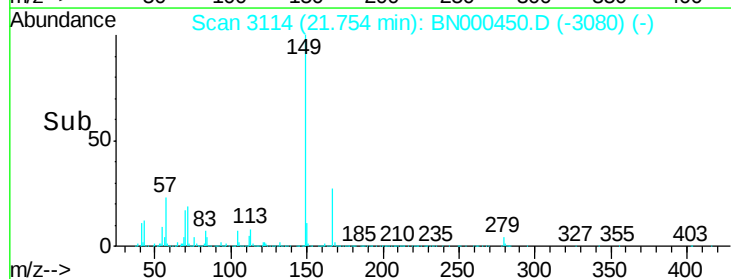
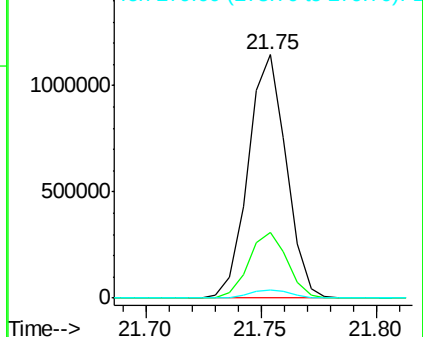
149 100

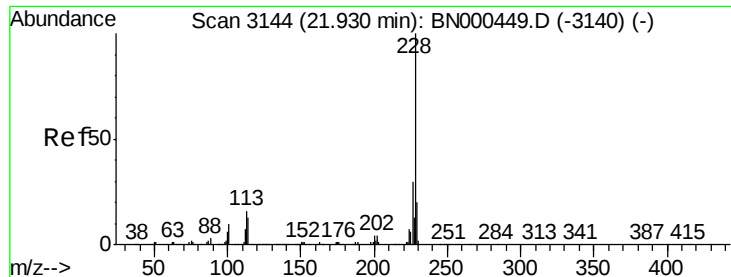
167 27.2 23.0 34.6

279 3.5 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 39.743 ng/ul

RT: 21.93 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

ClientSampleId :

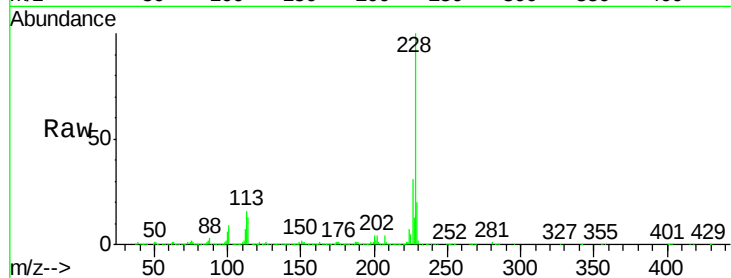
Tot Ion:228 Resp: 1602323

Ion Ratio Lower Upper

228 100

226 30.9 24.1 36.1

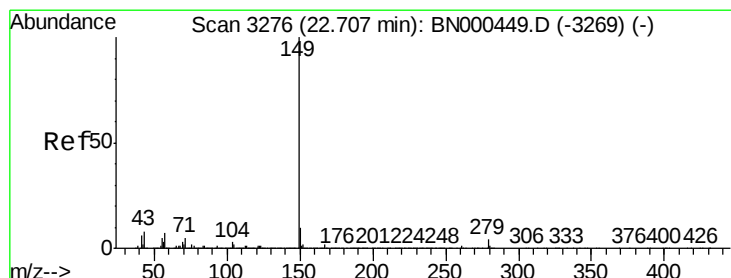
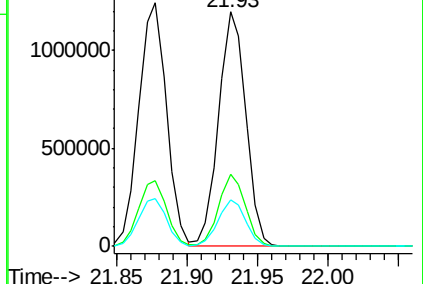
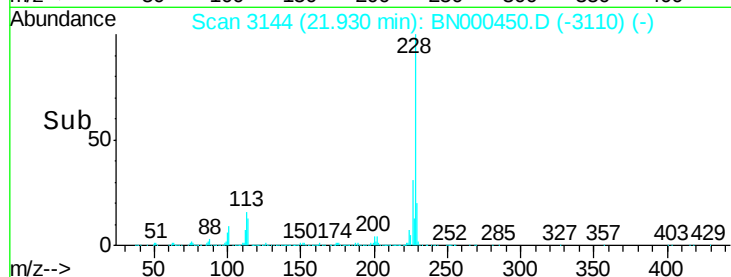
229 20.1 16.0 24.0



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



#84

Di-n-octyl phthalate

Concen: 53.197 ng/ul

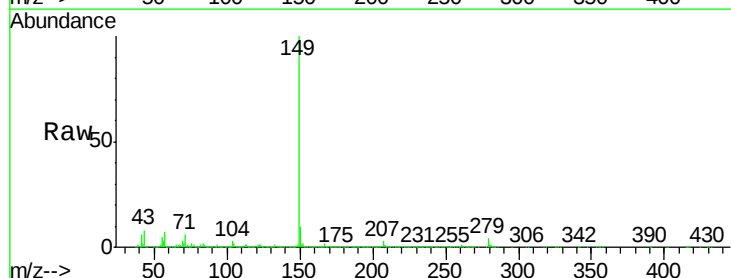
RT: 22.71 min Scan# 3276

Delta R.T. 0.00 min

Lab File: BN000450.D

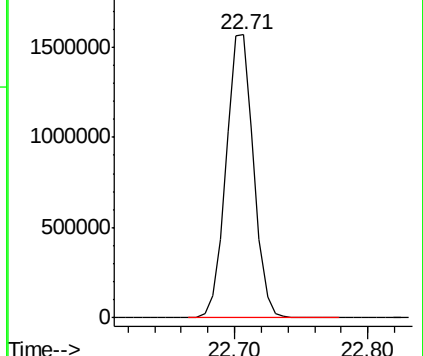
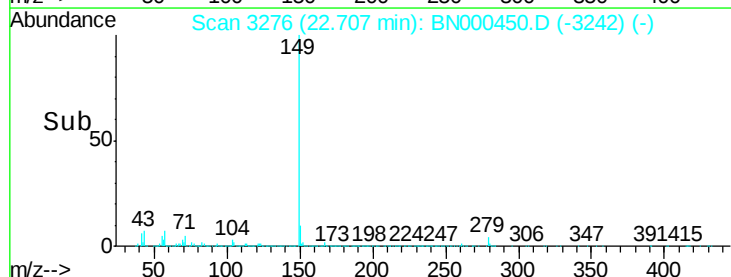
Acq: 19 Mar 2018 11:57

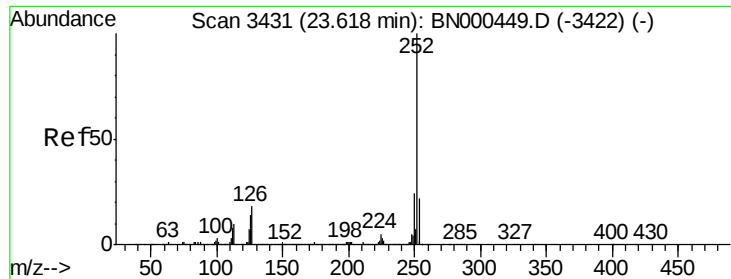
Tgt Ion:149 Resp: 2247969



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 42.393 ng/ul

RT: 23.62 min Scan# 3431

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

ClientSampleId :

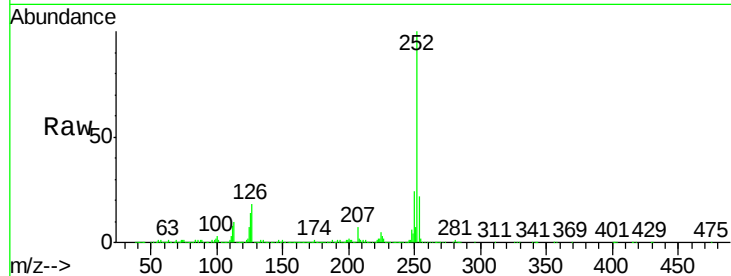
Tot Ion:252 Resp: 1704956

Ion Ratio Lower Upper

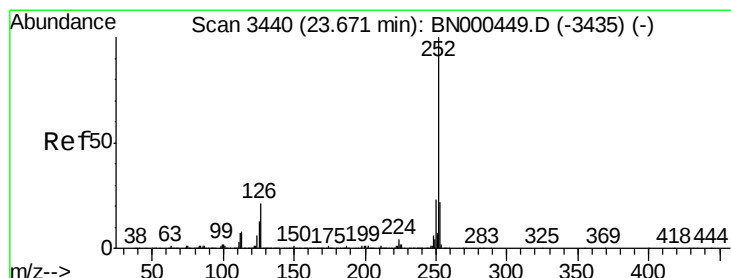
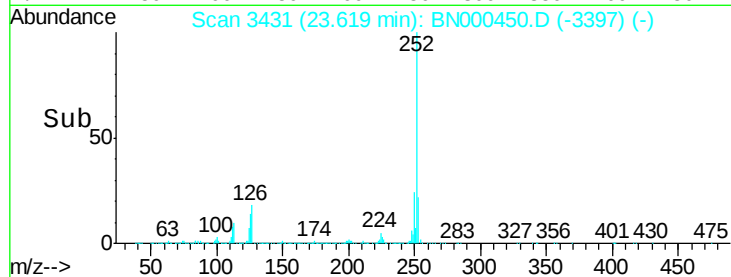
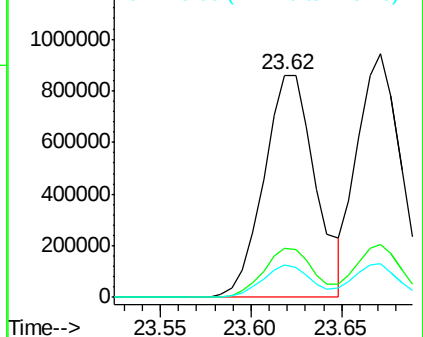
252 100

253 22.3 17.4 26.0

125 14.4 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



#86

Benzo(k)fluoranthene

Concen: 39.342 ng/ul

RT: 23.67 min Scan# 3440

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

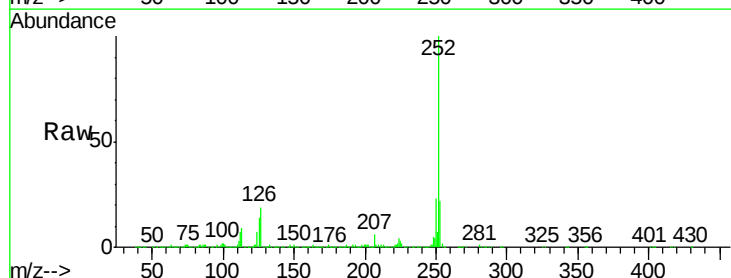
Tgt Ion:252 Resp: 1561164

Ion Ratio Lower Upper

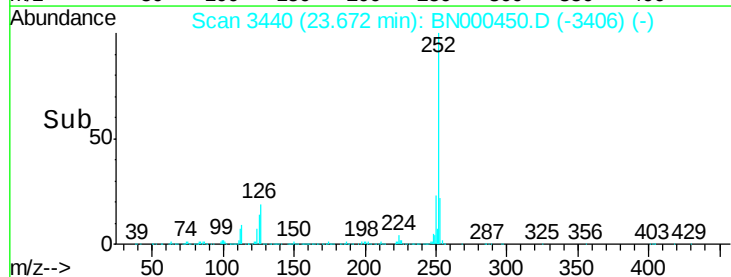
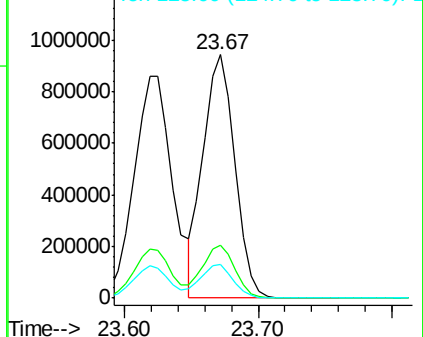
252 100

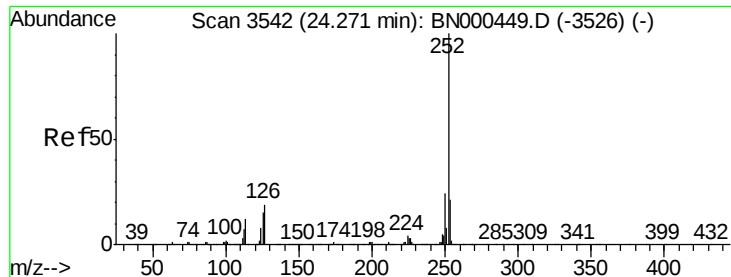
253 21.8 17.1 25.7

125 13.7 5.4 8.0#



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: 39.981 ng/ul

RT: 24.27 min Scan# 3542

Delta R.T. 0.00 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

ClientSampleId :

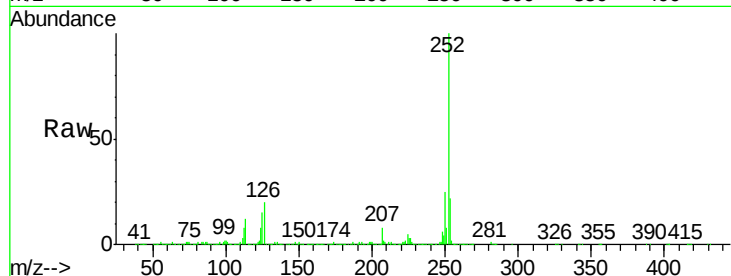
Tot Ion:252 Resp: 1603314

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

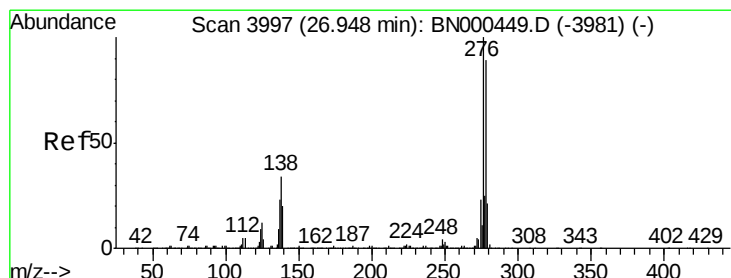
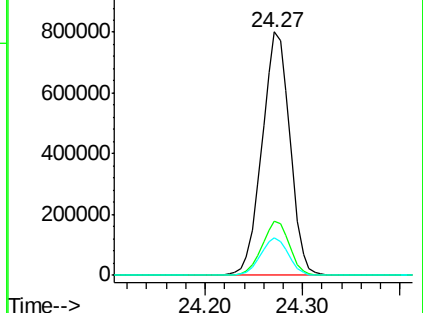
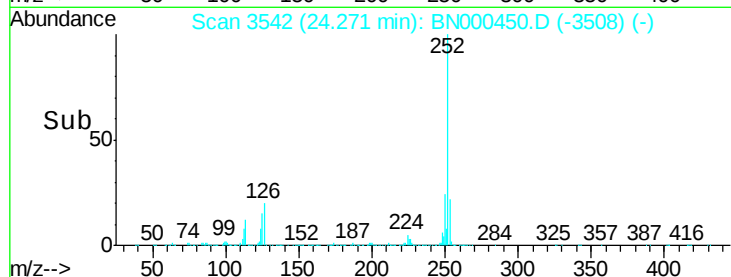
125 15.4 5.8 8.6#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 39.691 ng/ul

RT: 26.95 min Scan# 3998

Delta R.T. 0.01 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

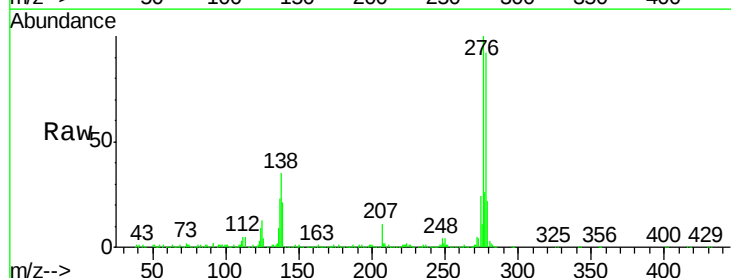
Tgt Ion:276 Resp: 1860724

Ion Ratio Lower Upper

276 100

138 35.0 10.9 16.3#

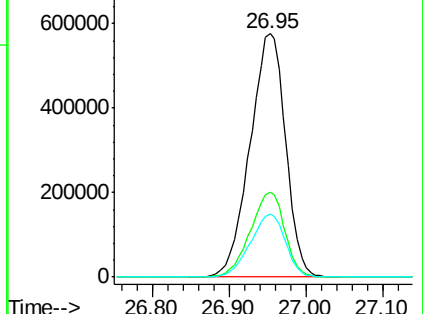
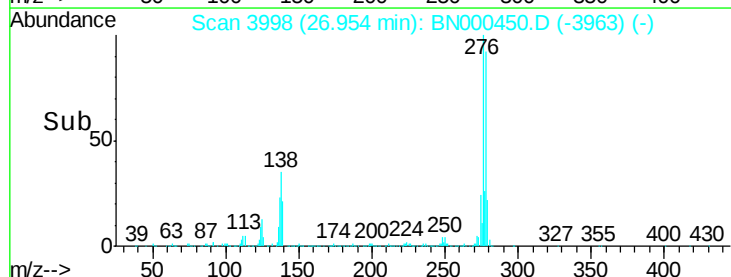
277 25.7 18.9 28.3

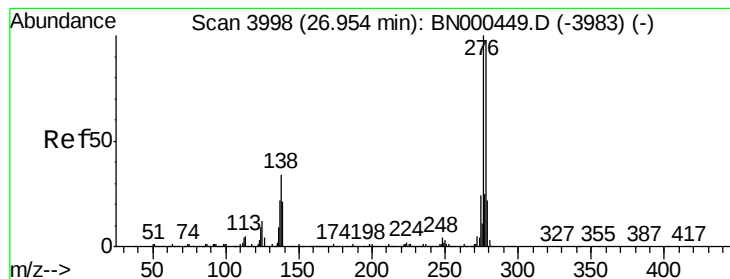


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 39.659 ng/ul

RT: 26.96 min Scan# 3999

Delta R.T. 0.01 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

Instrument :

BNA_N

ClientSampleId :

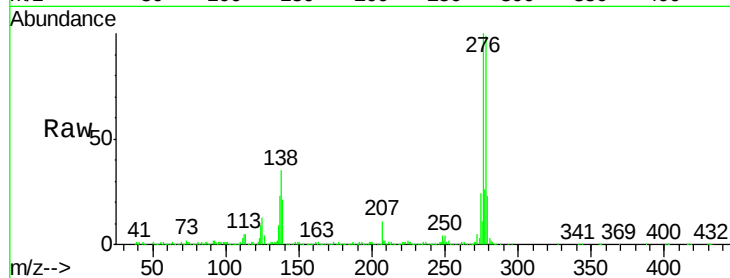
Tot Ion:278 Resp: 1549857

Ion Ratio Lower Upper

278 100

139 21.6 9.0 13.4#

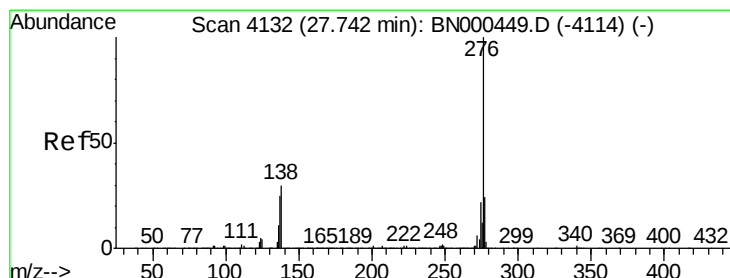
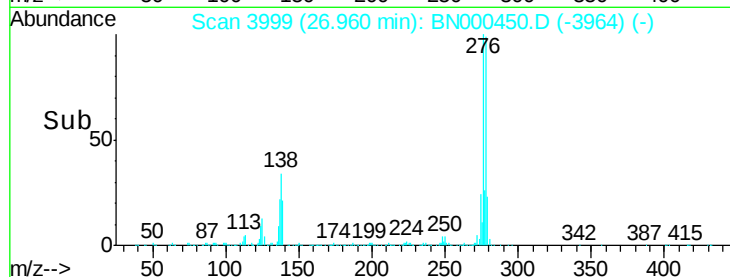
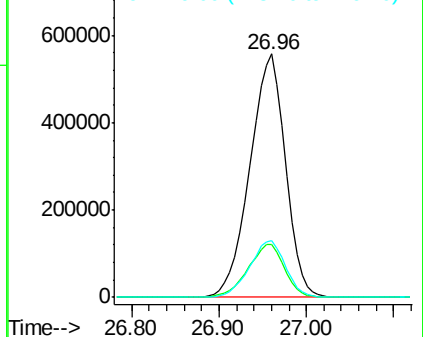
279 23.5 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 40.192 ng/ul

RT: 27.75 min Scan# 4133

Delta R.T. 0.01 min

Lab File: BN000450.D

Acq: 19 Mar 2018 11:57

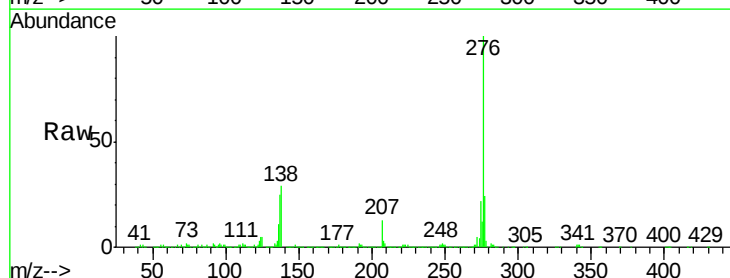
Tgt Ion:276 Resp: 1571867

Ion Ratio Lower Upper

276 100

138 28.6 11.2 16.8#

277 24.0 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

