

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000519.D
 Acq On : 21 Mar 2018 14:44
 Operator : JU/SJ
 Sample : J1905-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 22 01:37:03 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	158160	20.00	ng/ul	0.04
18) Naphthalene-d8	11.30	136	326781	20.00	ng/ul	0.04
35) Acenaphthene-d10	15.08	164	302971	20.00	ng/ul	0.04
61) Phenanthrene-d10	17.80	188	2105	20.00	ng/ul	0.04
75) Chrysene-d12	21.95	240	887	20.00	ng/ul	0.07
83) Perylene-d12	24.40	264	546181	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	20559	4.64	ng/uL	0.00
5) Phenol-d5	7.61	99	138612	9.39	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	7.74	67	558083	65.57	ng/ul	0.02
9) 2-Chlorophenol-d4	7.98	132	21300	1.91	ng/ul	0.04
13) 4-Methylphenol-d8	9.17	113	4605	0.40	ng/ul	0.05
19) Nitrobenzene-d5	9.48	128	49350	18.59	ng/ul	-0.12
22) 2-Nitrophenol-d4	10.34	143	2534	0.92	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.92	165	13171	2.67	ng/ul	0.05
29) 4-Chloroaniline-d4	11.40	131	693149	137.02	ng/ul	0.01
43) Dimethylphthalate-d6	14.46	166	47593	1.99	ng/ul	0.04
46) Acenaphthylene-d8	14.78	160	54879	1.74	ng/ul	0.05
51) 4-Nitrophenol-d4	15.29	143	181343	40.80	ng/ul	0.07
57) Fluorene-d10	16.08	176	69820	3.42	ng/ul	0.06
62) 4,6-Dinitro-2-methylphenol	16.15	200	17890	1483.96	ng/ul	0.02
70) Anthracene-d10	17.94	188	30608	302.51	ng/ul	0.08
76) Pyrene-d10	20.15	212	56540	1154.69	ng/ul	0.04
87) Benzo(a)pyrene-d12	24.24	264	35318	1.37	ng/ul	0.03

Target Compounds

					Ovalue	
4) Benzaldehyde	7.51	77	1262801	209.911	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.81	93	40982	3.431	ng/ul#	1
14) Acetophenone	9.42	105	1122697	65.712	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.23	70	451104	50.482	ng/ul#	49
17) Hexachloroethane	9.58	117	972220	204.556	ng/ul#	1
20) Nitrobenzene	9.66	77	153362	23.409	ng/ul#	51
21) Isophorone	10.21	82	777840	62.281	ng/ul#	11
23) 2-Nitrophenol	10.38	139	52669	17.811	ng/ul#	1
24) 2,4-Dimethylphenol	10.50	107	267219	41.951	ng/ul#	63
25) Bis(2-Chloroethoxy)methane	10.71	93	43508	5.516	ng/ul#	1
27) 2,4-Dichlorophenol	10.93	162	30886	6.457	ng/ul#	1
28) Naphthalene	11.35	128	4227824	246.368	ng/ul#	95
30) 4-Chloroaniline	11.48	127	25831	5.030	ng/ul#	53
31) Hexachlorobutadiene	11.62	225	6730	2.539	ng/ul	98
32) Caprolactam	12.17	113	109436	62.584	ng/ul#	1
33) 4-Chloro-3-methylphenol	12.60	107	202976	36.095	ng/ul#	30
34) 2-Methylnaphthalene	12.95	142	6242390	544.851	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	13.30	216	20600	2.263	ng/ul#	1
38) 2,4,6-Trichlorophenol	13.55	196	50433	8.169	ng/ul	91
39) 2,4,5-Trichlorophenol	13.55	196	51392	7.983	ng/ul	92
40) 1,1'-Biphenyl	13.91	154	697092	27.028	ng/ul	94
42) 2-Nitroaniline	14.19	65	8921	1.481	ng/ul#	1
44) Dimethylphthalate	14.50	163	99769	4.214	ng/ul#	1

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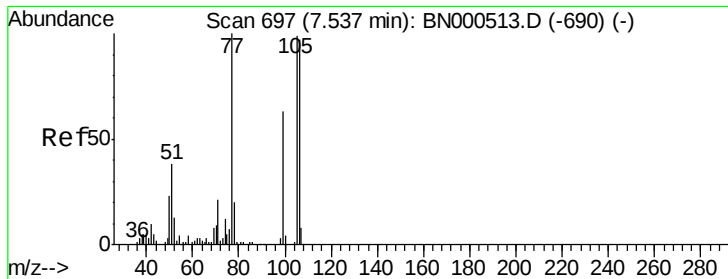
Instrument :
 BNA_N
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 2,6-Dinitrotoluene	14.60	165	149226	31.277	ng/ul#	44
47) Acenaphthylene	14.80	152	153903	4.975	ng/ul#	1
48) 3-Nitroaniline	15.00	138	35280	7.659	ng/ul#	29
49) Acenaphthene	15.14	153	368186	17.457	ng/ul#	77
50) 2,4-Dinitrophenol	15.18	184	46097	20.480	ng/ul#	1
52) 4-Nitrophenol	15.24	109	308457	89.808	ng/ul#	15
53) Dibenzofuran	15.48	168	260407	9.090	ng/ul#	1
54) 2,4-Dinitrotoluene	15.42	165	36516	5.399	ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	15.73	232	3034747	617.321	ng/ul#	74
58) Fluorene	16.13	166	612824	26.920	ng/ul#	78
59) 4-Chlorophenyl-phenylether	16.16	204	30116	2.863	ng/ul#	1
60) 4-Nitroaniline	16.15	138	219358	42.388	ng/ul#	65
63) 4,6-Dinitro-2-methylphenol	16.16	198	12736	1000.687	ng/ul#	1
64) N-Nitrosodiphenylamine	16.32	169	621378	8960.494	ng/ul#	43
65) 4-Bromophenyl-phenylether	17.00	248	777	36.214	ng/ul#	1
66) Hexachlorobenzene	17.12	284	66521	2936.211	ng/ul#	1
67) Atrazine	17.25	200	1218	58.235	ng/ul#	1
68) Pentachlorophenol	17.50	266	6632393	554525.825	ng/ul	95
69) Phenanthrene	17.82	178	16190	133.505	ng/ul#	1
71) Anthracene	17.98	178	206502	1660.710	ng/ul#	60
72) Carbazole	18.22	167	87048	816.347	ng/ul#	1
73) Di-n-butylphthalate	18.71	149	34382	237.105	ng/ul#	1
74) Fluoranthene	19.82	202	758376	6293.326	ng/ul#	81
77) Pyrene	20.18	202	783823	12098.665	ng/ul#	80
78) Butylbenzylphthalate	21.06	149	15337	476.594	ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.82	252	3791	218.766	ng/ul#	2
80) Benzo(a)anthracene	21.94	228	219101	3707.305	ng/ul#	80
81) Bis(2-ethylhexyl)phthalate	21.76	149	554482	11868.357	ng/ul	97
82) Chrysene	22.02	228	1591	28.716	ng/ul#	1
84) Di-n-octyl phthalate	22.72	149	787301	17.126	ng/ul	100
85) Benzo(b)fluoranthene	23.64	252	194159	5.626	ng/ul#	58
86) Benzo(k)fluoranthene	23.64	252	194159	5.828	ng/ul#	57
88) Benzo(a)pyrene	24.29	252	135187	4.162	ng/ul#	56
89) Indeno(1,2,3-cd)pyrene	26.98	276	75131	2.145	ng/ul#	69
91) Benzo(a,h,i)perylene	27.77	276	67386	2.315	ng/ul#	68

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



#4

Benzaldehyde

Concen: 209.911 ng/ul

RT: 7.51 min Scan# 692

Delta R.T. -0.03 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Instrument :

BNA_N

ClientSampled :

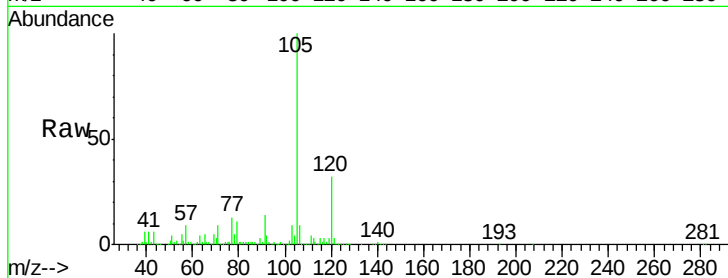
Tot Ion: 77 Resp: 1262801

Ion Ratio Lower Upper

77 100

105 792.2 71.0 106.6#

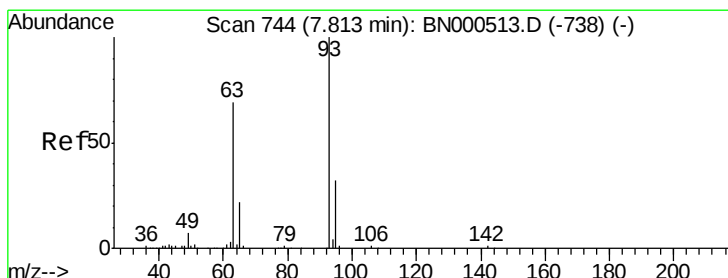
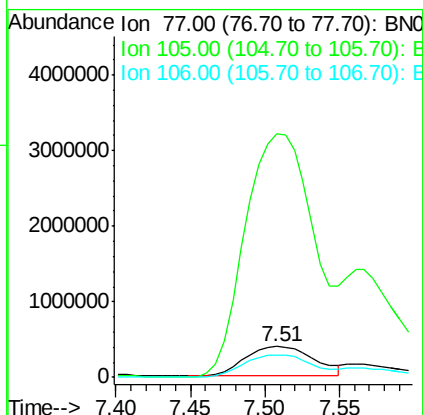
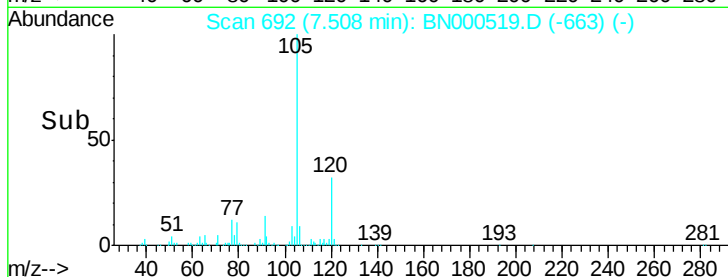
106 73.4 69.5 104.3



Abundance Ion 77.00 (76.70 to 77.70): BN000519.D (-663) (-)

Ion 105.00 (104.70 to 105.70): BN000519.D (-663) (-)

Ion 106.00 (105.70 to 106.70): BN000519.D (-663) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 3.431 ng/ul

RT: 7.81 min Scan# 744

Delta R.T. 0.00 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

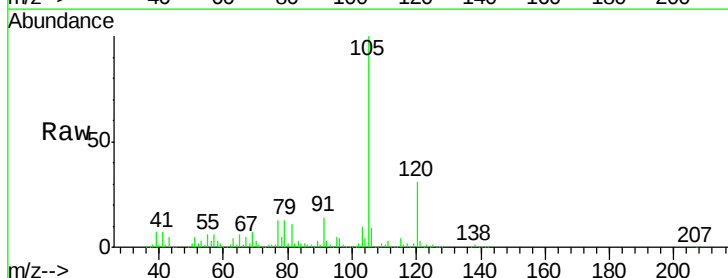
Tgt Ion: 93 Resp: 40982

Ion Ratio Lower Upper

93 100

63 490.9 59.4 89.2#

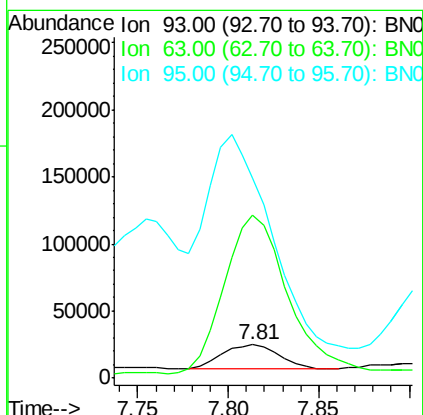
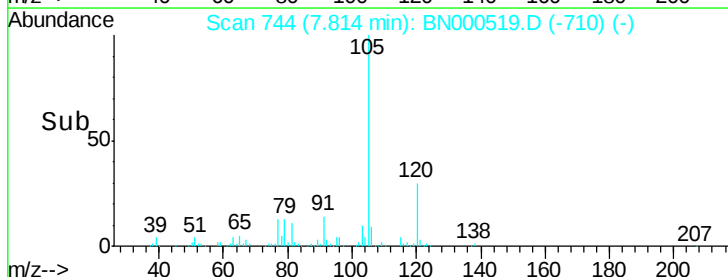
95 600.1 26.4 39.6#

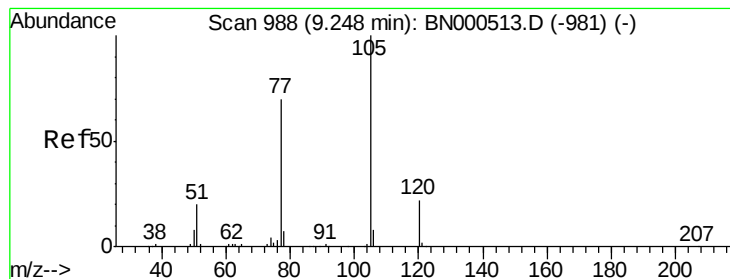


Abundance Ion 93.00 (92.70 to 93.70): BN000519.D (-710) (-)

Ion 63.00 (62.70 to 63.70): BN000519.D (-710) (-)

Ion 95.00 (94.70 to 95.70): BN000519.D (-710) (-)





#14

Acetophenone

Concen: 65.712 ng/ul

RT: 9.42 min Scan# 1017

Delta R.T. 0.17 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Instrument :

BNA_N

ClientSampled :

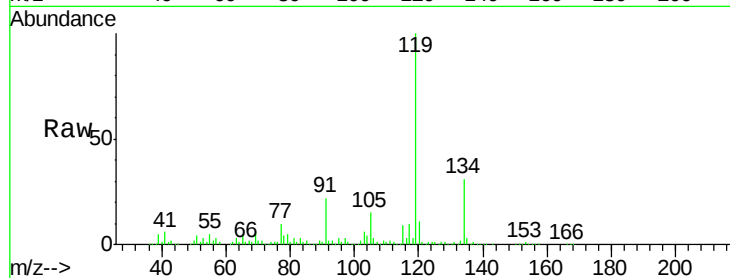
Tot Ion:105 Resp: 1122697

Ion Ratio Lower Upper

105 100

77 68.2 63.2 94.8

51 26.0 19.8 29.8

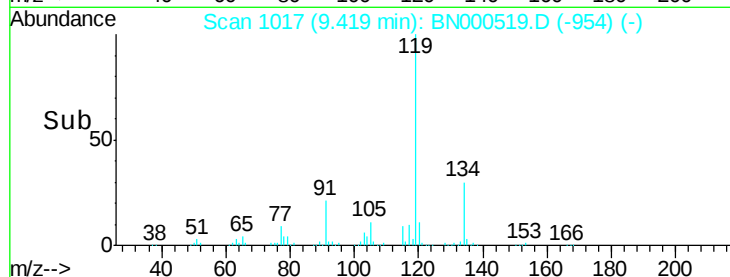


Abundance Ion 105.00 (104.70 to 105.70): E

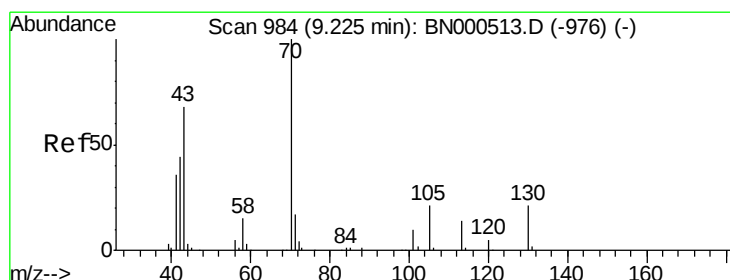
Ion 77.00 (76.70 to 77.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Time-->



Time-->



#15

N-Nitroso-di-n-propylamine

Concen: 50.482 ng/ul

RT: 9.23 min Scan# 984

Delta R.T. 0.00 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Tgt Ion: 70 Resp: 451104

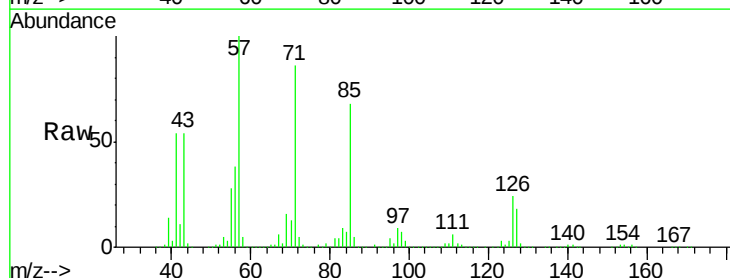
Ion Ratio Lower Upper

70 100

42 90.6 40.2 60.4#

101 0.6 7.7 11.5#

130 0.3 17.8 26.6#



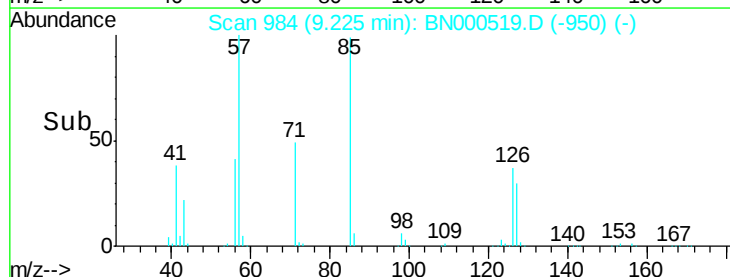
Abundance Ion 70.00 (69.70 to 70.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

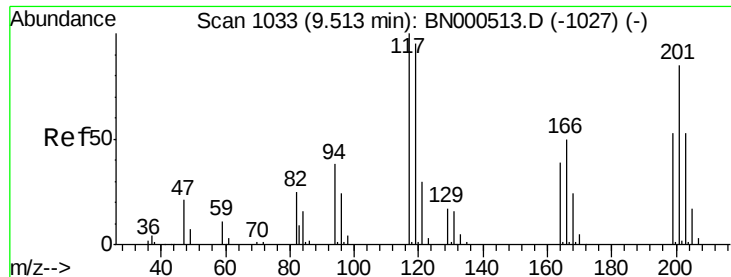
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Time-->



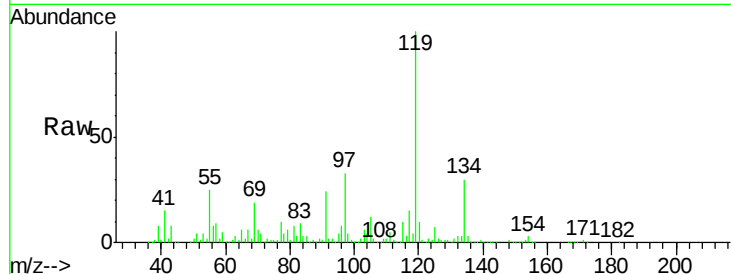
Time-->



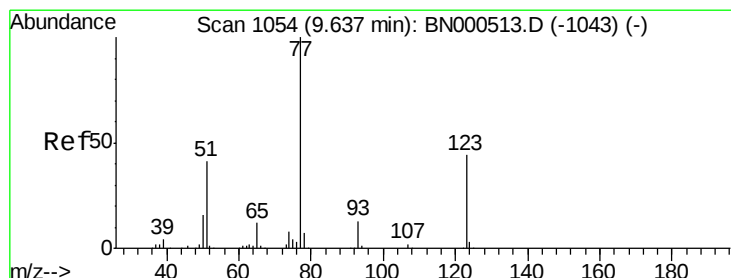
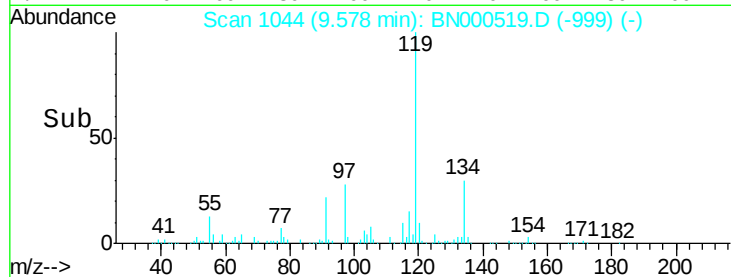
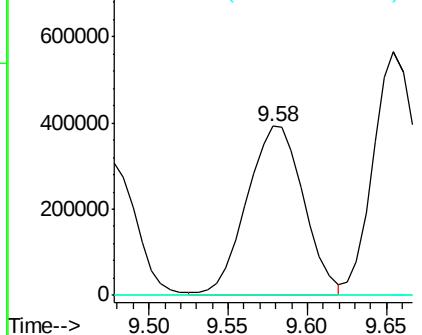
#17
Hexachloroethane
Concen: 204.556 ng/ul
RT: 9.58 min Scan# 1044
Delta R.T. 0.07 min
Lab File: BN000519.D
Acq: 21 Mar 2018 14:44

Instrument :
BNA_N
ClientSampleId :

Tot Ion:117 Resp: 972220
Ion Ratio Lower Upper
117 100
201 0.0 96.1 144.1#
199 0.0 59.7 89.5#

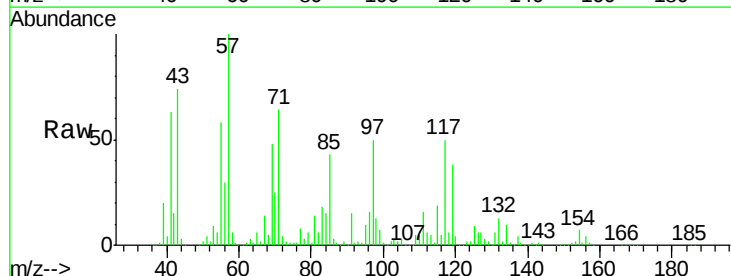


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

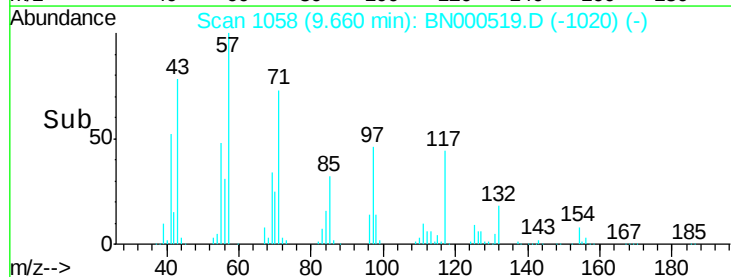
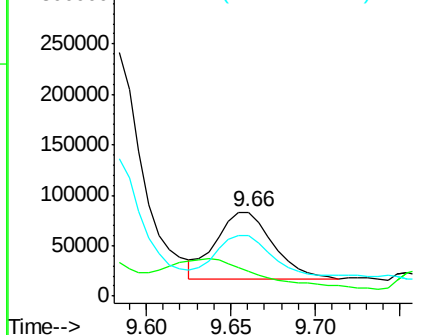


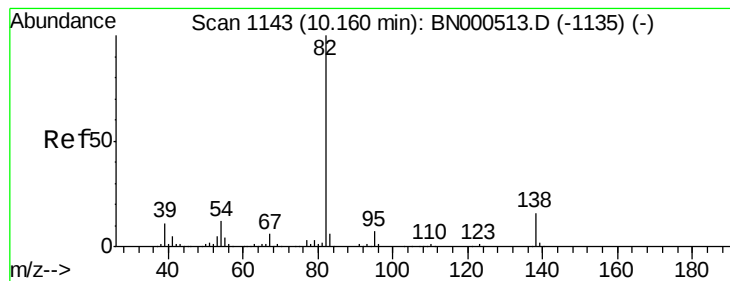
#20
Nitrobenzene
Concen: 23.409 ng/ul
RT: 9.66 min Scan# 1058
Delta R.T. 0.02 min
Lab File: BN000519.D
Acq: 21 Mar 2018 14:44

Tgt Ion: 77 Resp: 153362
Ion Ratio Lower Upper
77 100
123 29.4 31.8 47.8#
65 72.1 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: 62.281 ng/ul

RT: 10.21 min Scan# 1152

Delta R.T. 0.05 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Instrument :

BNA_N

ClientSampled :

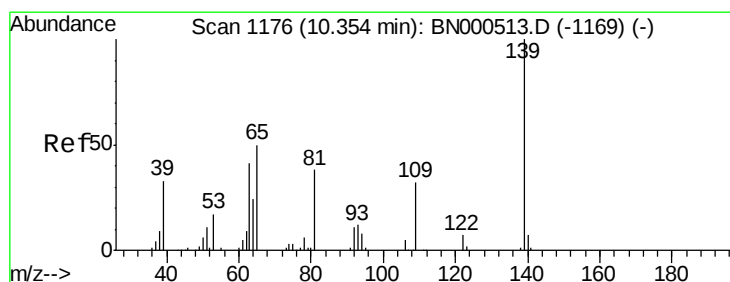
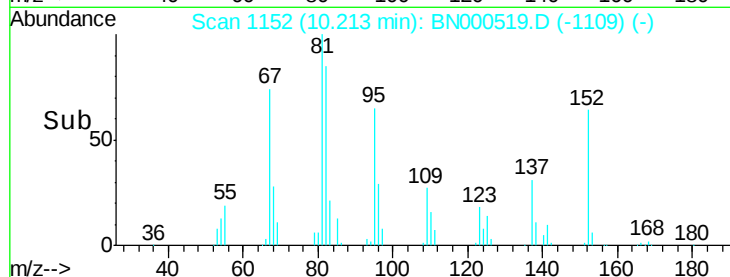
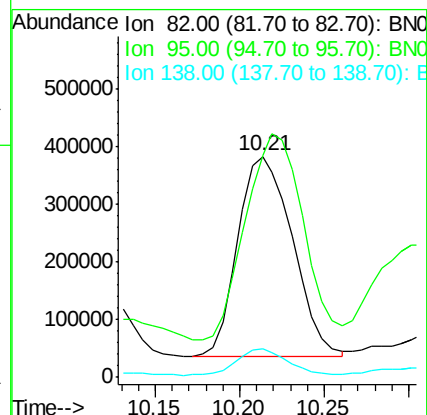
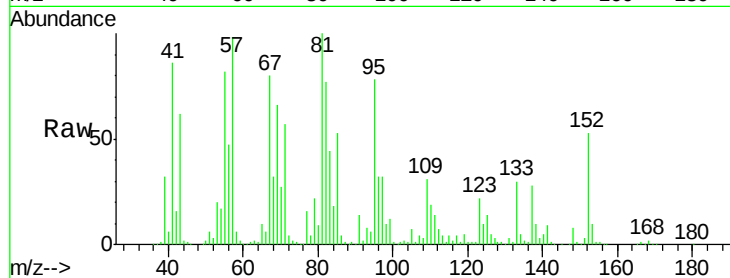
Tot Ion: 82 Resp: 777840

Ion Ratio Lower Upper

82 100

95 100.5 6.1 9.1#

138 12.9 13.5 20.3#



#23

2-Nitrophenol

Concen: 17.811 ng/ul

RT: 10.38 min Scan# 1181

Delta R.T. 0.03 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

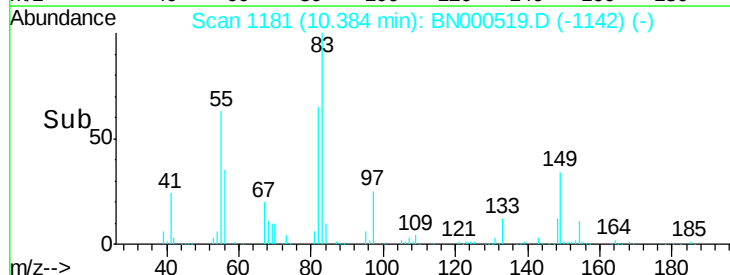
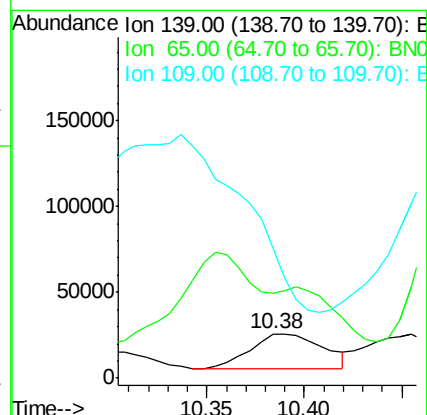
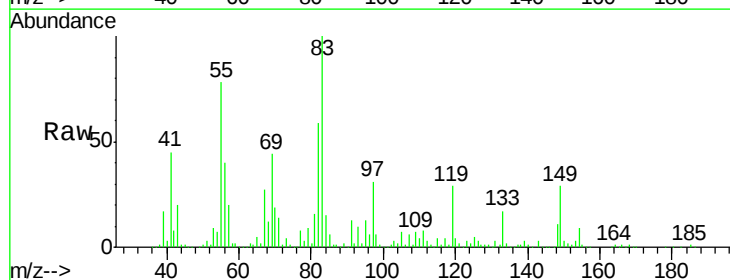
Tgt Ion: 139 Resp: 52669

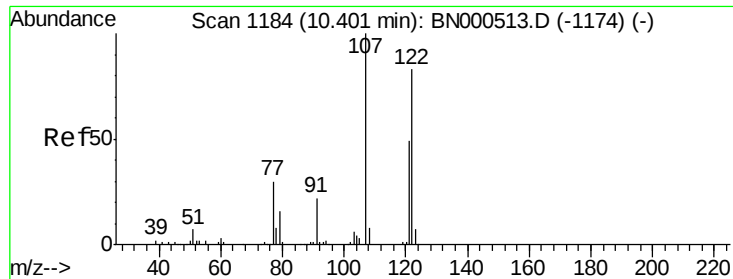
Ion Ratio Lower Upper

139 100

65 192.8 45.3 67.9#

109 292.5 27.7 41.5#

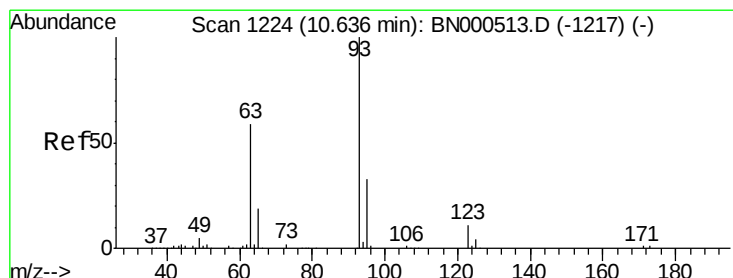
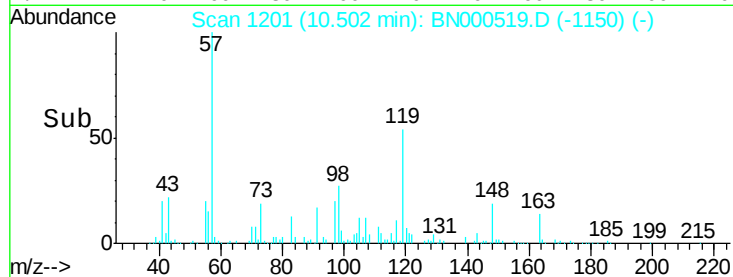
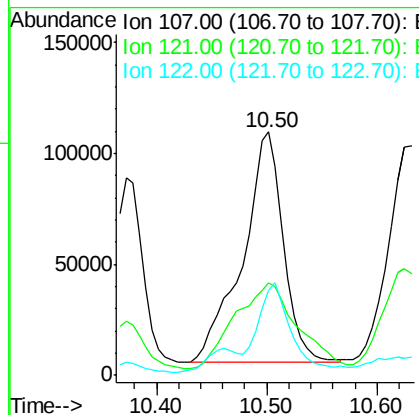
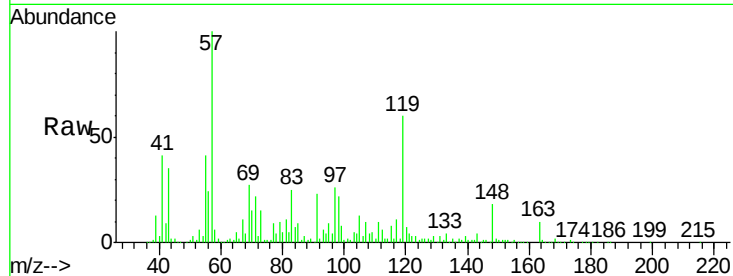




#24
 2,4-Dimethylphenol
 Concen: 41.951 ng/ul
 RT: 10.50 min Scan# 1201
 Delta R.T. 0.10 min
 Lab File: BN000519.D
 Acq: 21 Mar 2018 14:44

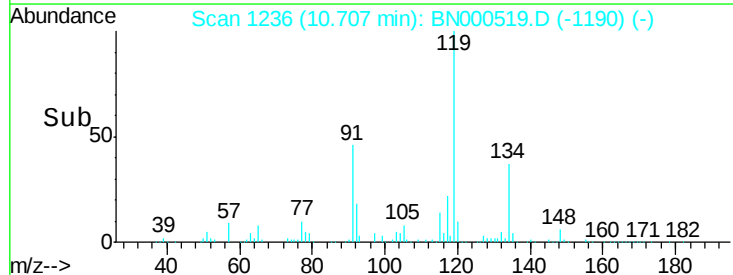
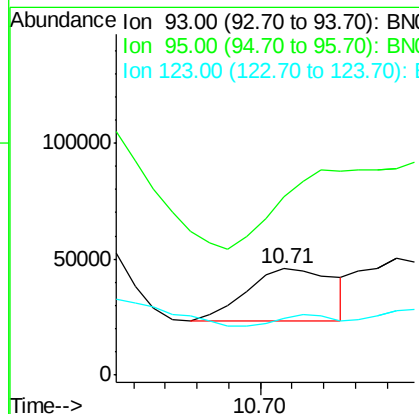
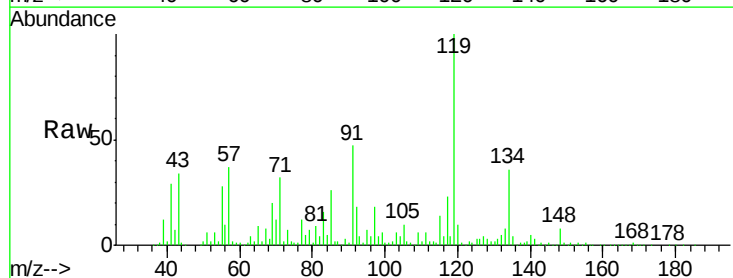
Instrument :
 BNA_N
 ClientSampled :

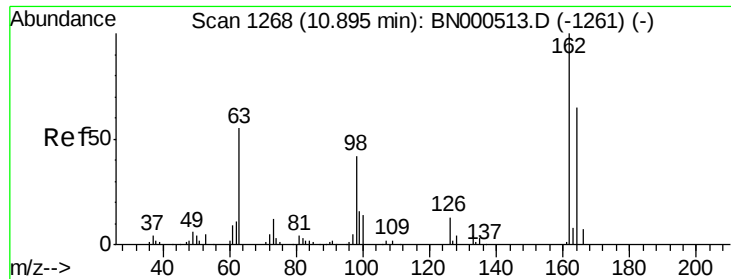
Tot Ion:107 Resp: 267219
 Ion Ratio Lower Upper
 107 100
 121 38.3 38.1 57.1
 122 35.1 63.8 95.8#



#25
 Bis(2-Chloroethoxy)methane
 Concen: 5.516 ng/ul
 RT: 10.71 min Scan# 1236
 Delta R.T. 0.07 min
 Lab File: BN000519.D
 Acq: 21 Mar 2018 14:44

Tgt Ion: 93 Resp: 43508
 Ion Ratio Lower Upper
 93 100
 95 168.4 24.7 37.1#
 123 53.4 8.2 12.2#

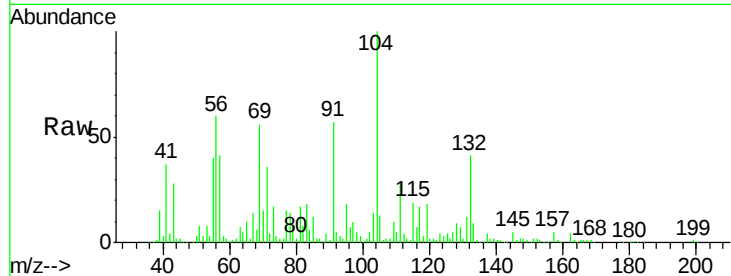




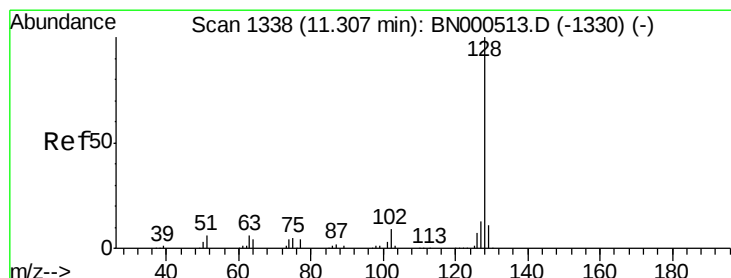
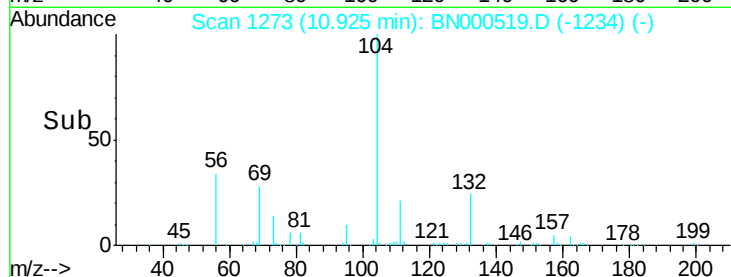
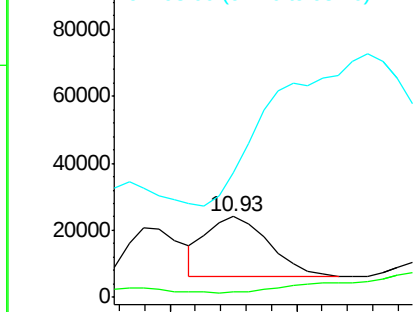
#27
 2,4-Dichlorophenol
 Concen: 6.457 ng/ul
 RT: 10.93 min Scan# 1273
 Delta R.T. 0.03 min
 Lab File: BN000519.D
 Acq: 21 Mar 2018 14:44

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:162 Resp: 30886
 Ion Ratio Lower Upper
 162 100
 164 6.1 52.0 78.0#
 98 153.1 26.6 39.8#

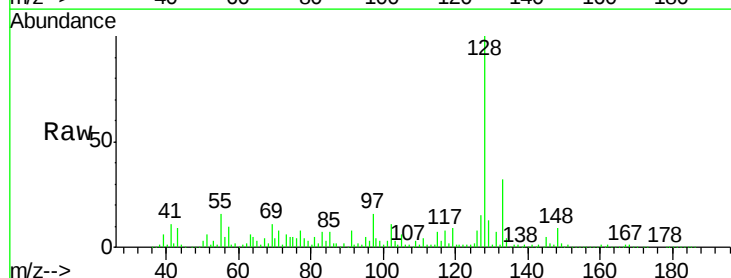


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNC

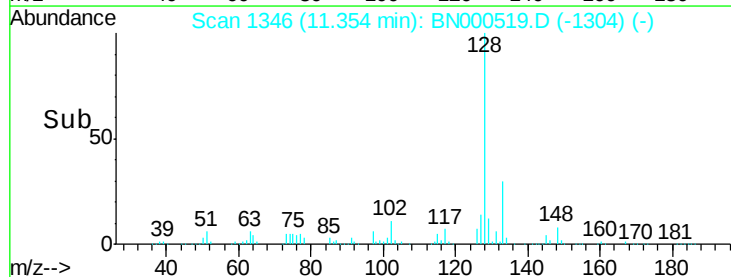
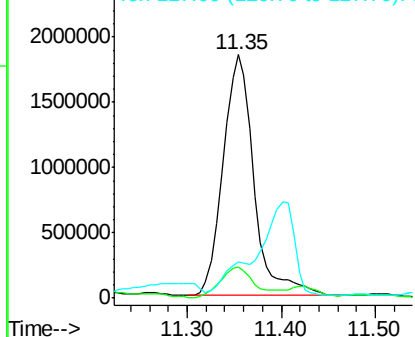


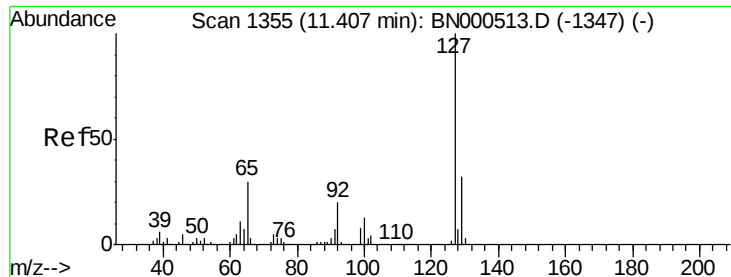
#28
 Naphthalene
 Concen: 246.368 ng/ul
 RT: 11.35 min Scan# 1346
 Delta R.T. 0.05 min
 Lab File: BN000519.D
 Acq: 21 Mar 2018 14:44

Tgt Ion:128 Resp: 4227824
 Ion Ratio Lower Upper
 128 100
 129 12.6 8.3 12.5#
 127 15.0 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

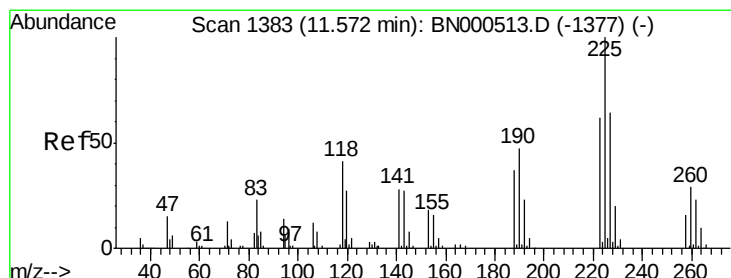
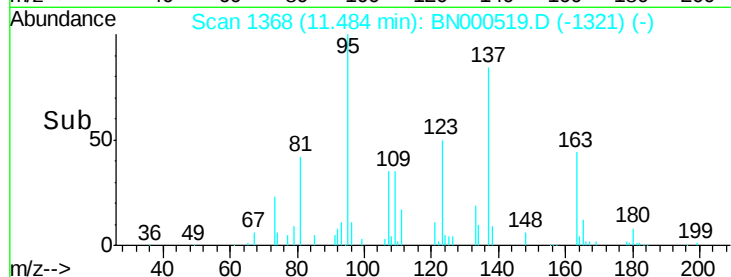
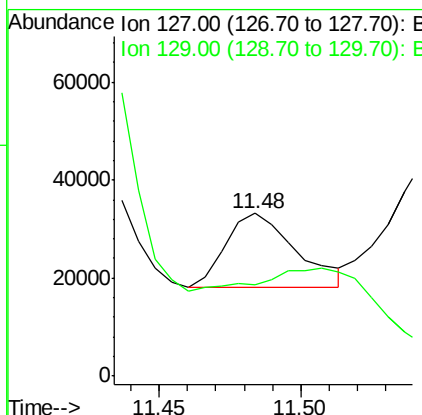
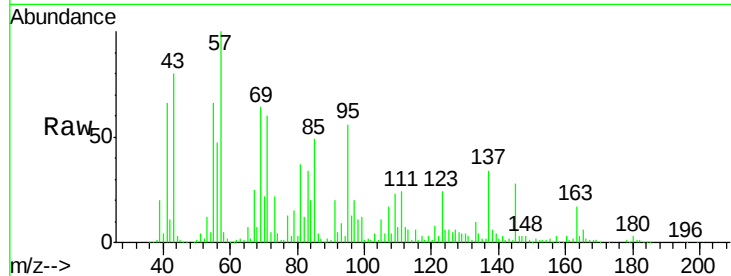




#30
4-Chloroaniline
Concen: 5.030 ng/ul
RT: 11.48 min Scan# 1368
Delta R.T. 0.08 min
Lab File: BN000519.D
Acq: 21 Mar 2018 14:44

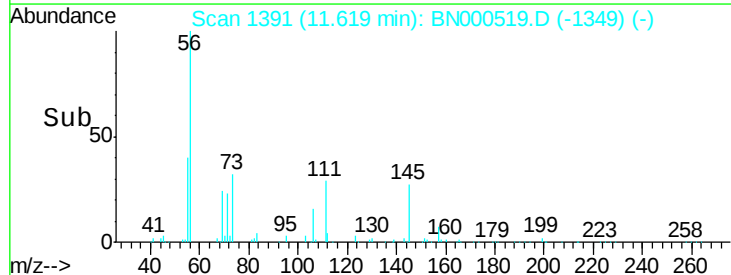
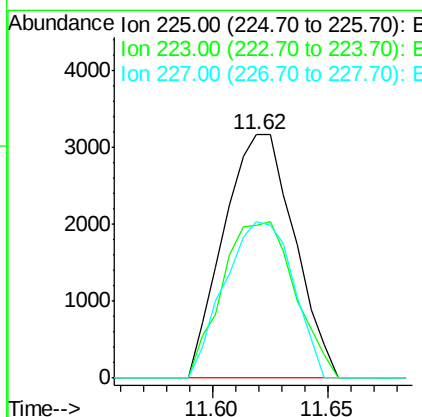
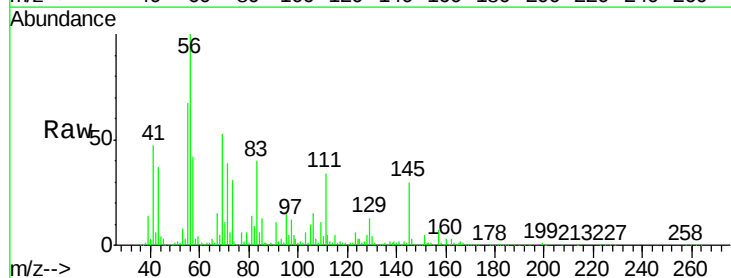
Instrument :
BNA_N
ClientSampleId :

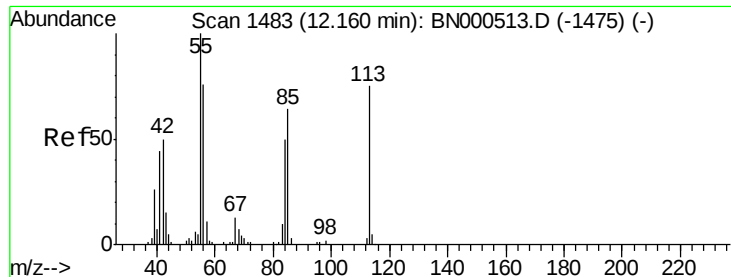
Tot Ion:127 Resp: 25831
Ion Ratio Lower Upper
127 100
129 56.4 24.6 37.0#



#31
Hexachlorobutadiene
Concen: 2.539 ng/ul
RT: 11.62 min Scan# 1391
Delta R.T. 0.05 min
Lab File: BN000519.D
Acq: 21 Mar 2018 14:44

Tgt Ion:225 Resp: 6730
Ion Ratio Lower Upper
225 100
223 62.8 48.1 72.1
227 64.4 52.1 78.1





#32

Caprolactam

Concen: 62.584 ng/ul

RT: 12.17 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Instrument :

BNA_N

ClientSampled :

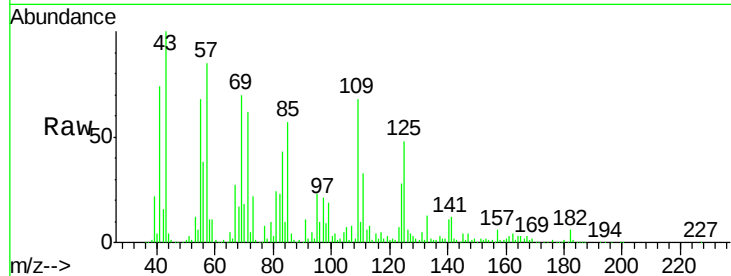
Tot Ion:113 Resp: 109436

Ion Ratio Lower Upper

113 100

55 869.9 131.7 197.5#

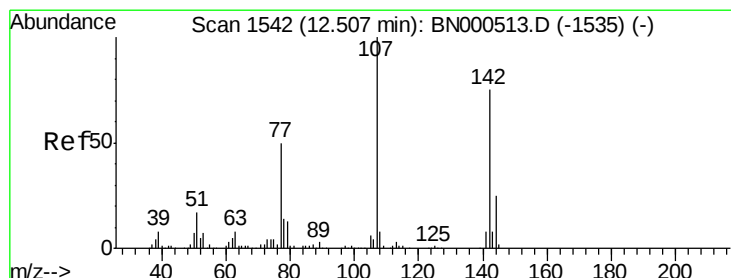
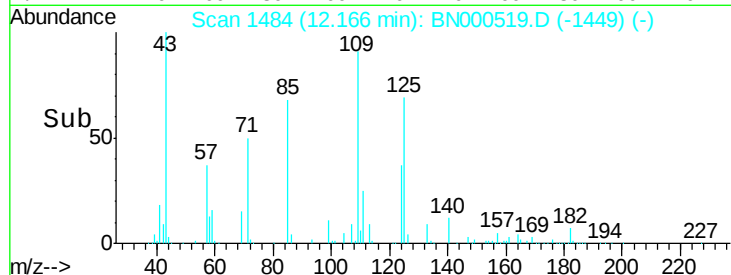
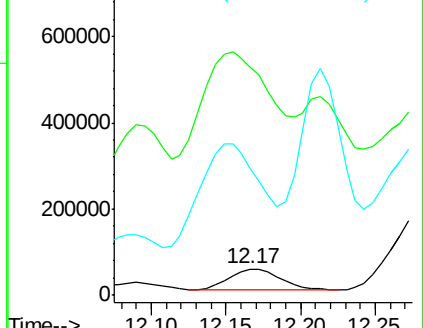
56 483.4 92.7 139.1#



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: 36.095 ng/ul

RT: 12.60 min Scan# 1557

Delta R.T. 0.09 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

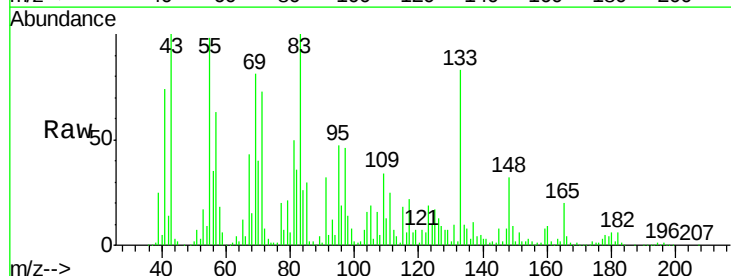
Tgt Ion:107 Resp: 202976

Ion Ratio Lower Upper

107 100

144 7.4 21.1 31.7#

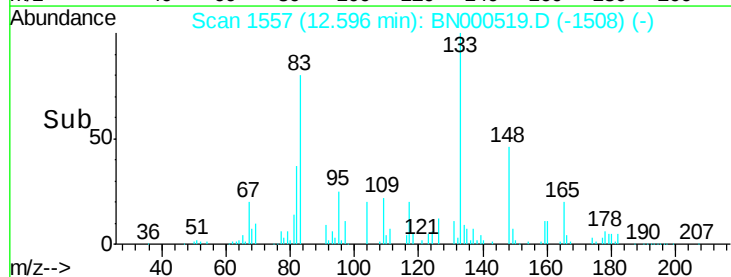
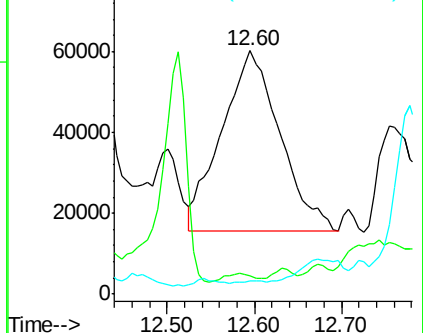
142 5.2 60.1 90.1#

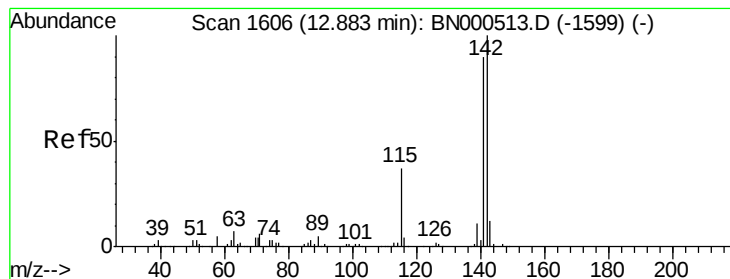


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 544.851 ng/ul

RT: 12.95 min Scan# 1618

Delta R.T. 0.07 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Instrument :

BNA_N

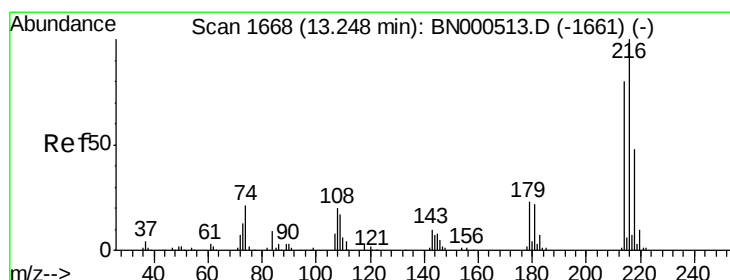
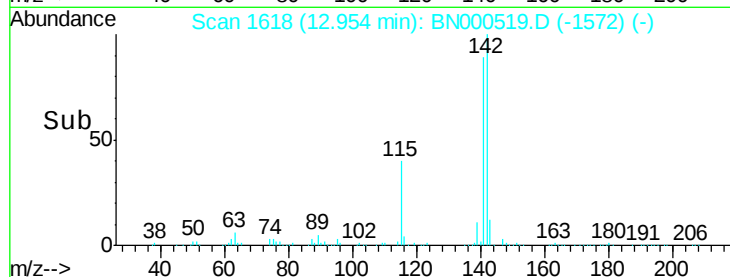
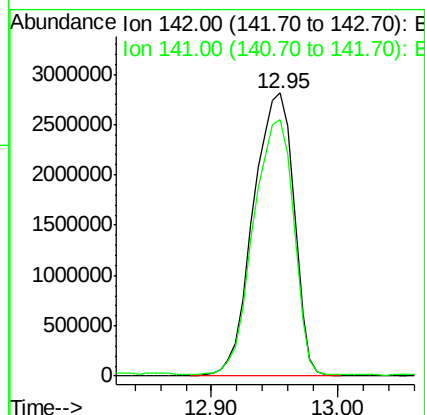
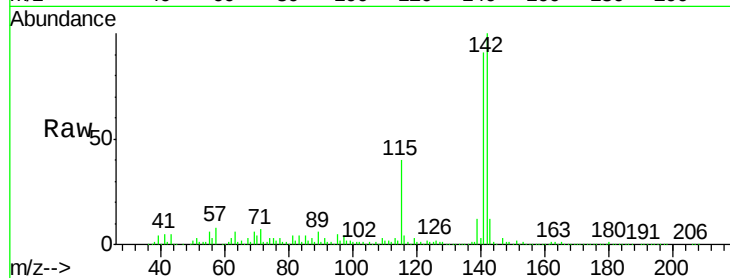
ClientSampleId :

Tot Ion:142 Resp: 6242390

Ion Ratio Lower Upper

142 100

141 90.5 71.4 107.2



#36

1,2,4,5-Tetrachlorobenzene

Concen: 2.263 ng/ul

RT: 13.30 min Scan# 1676

Delta R.T. 0.05 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Tgt Ion:216 Resp: 20600

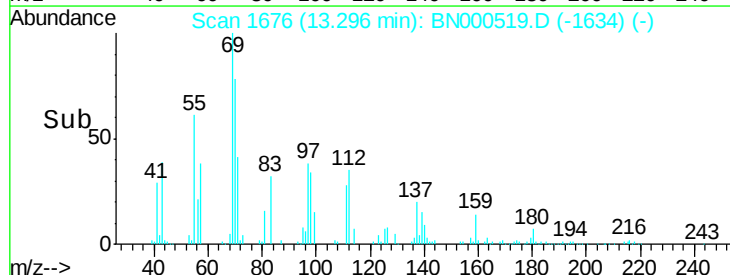
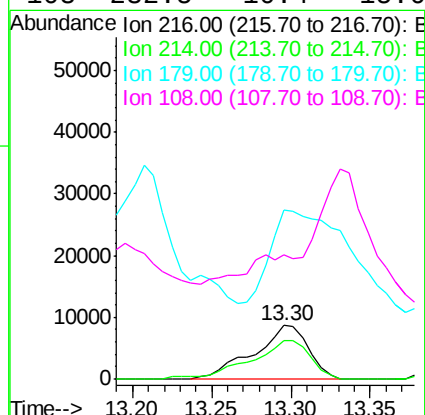
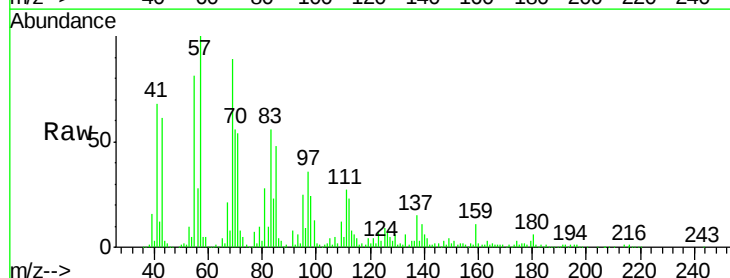
Ion Ratio Lower Upper

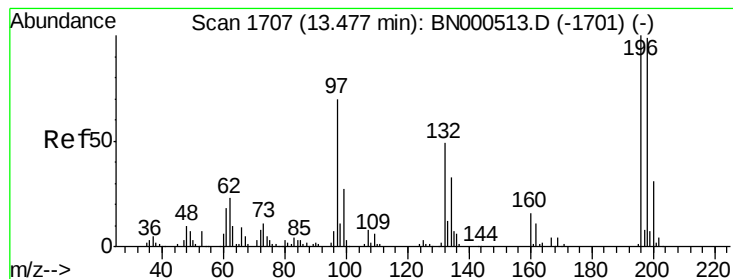
216 100

214 72.6 64.1 96.1

179 317.4 14.5 21.7#

108 232.5 10.4 15.6#



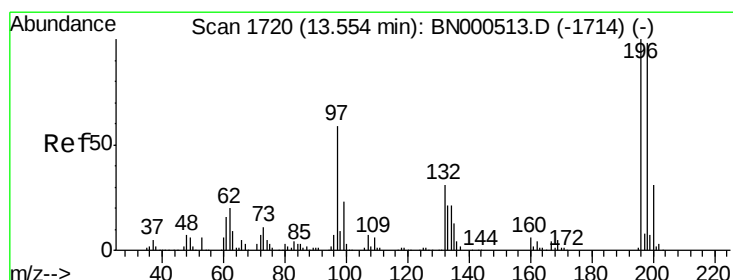
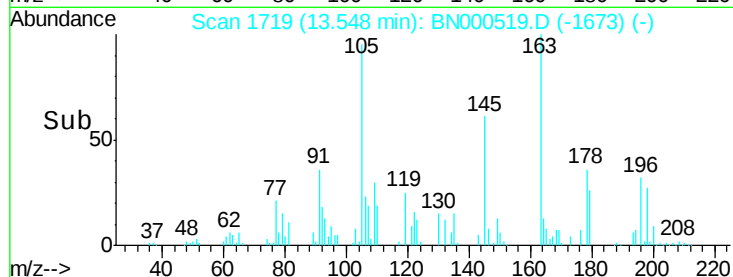
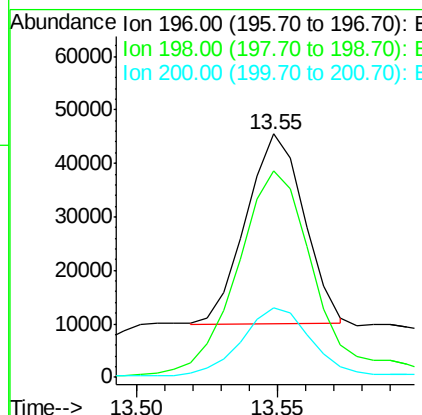
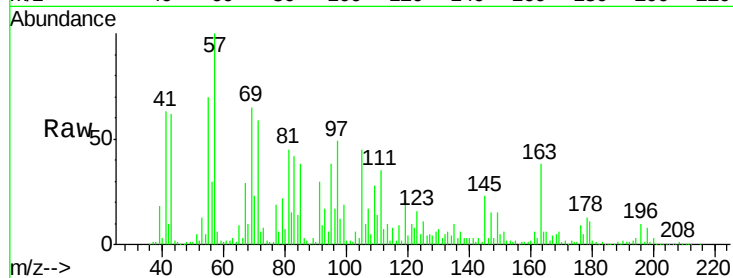


#38

2,4,6-Trichlorophenol
 Concen: 8.169 ng/ul
 RT: 13.55 min Scan# 1719
 Delta R.T. 0.07 min
 Lab File: BN000519.D
 Acq: 21 Mar 2018 14:44

Instrument :
 BNA_N
 ClientSampled :

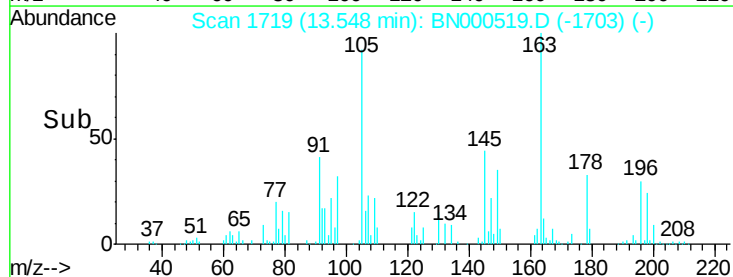
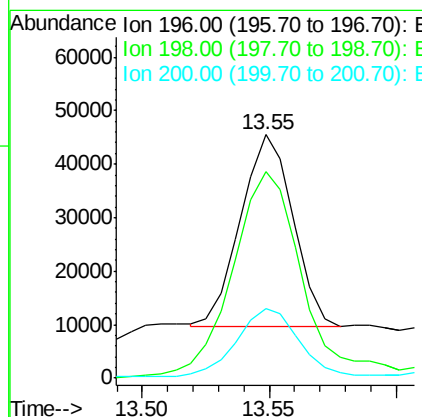
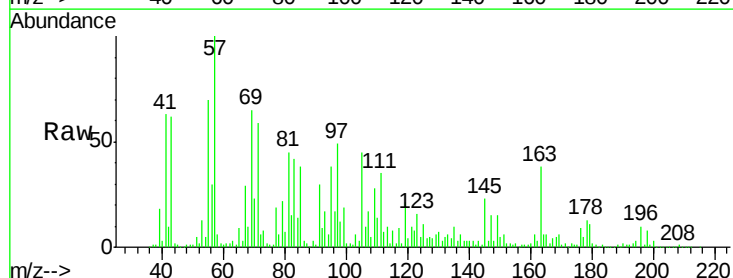
Tot Ion	196	Resp	50433
Ion Ratio	Lower	Upper	
196	100		
198	84.9	75.9	113.9
200	28.5	25.8	38.6

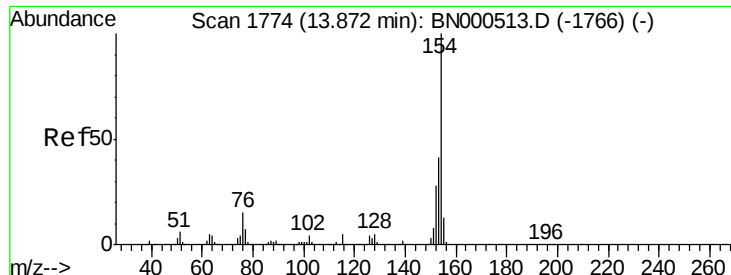


#39

2,4,5-Trichlorophenol
 Concen: 7.983 ng/ul
 RT: 13.55 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BN000519.D
 Acq: 21 Mar 2018 14:44

Tgt Ion	196	Resp	51392
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
196	100		
198	84.9	74.7	112.1
200	28.5	25.4	38.0

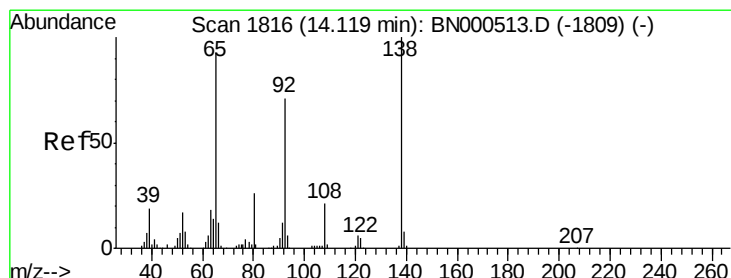
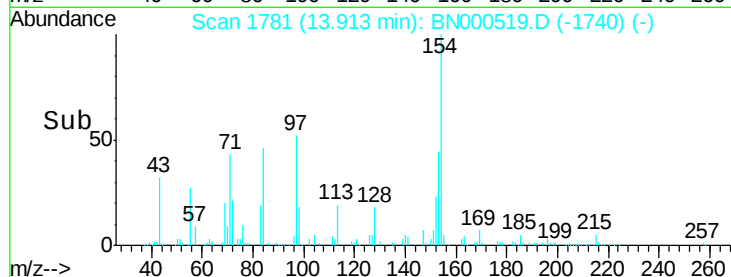
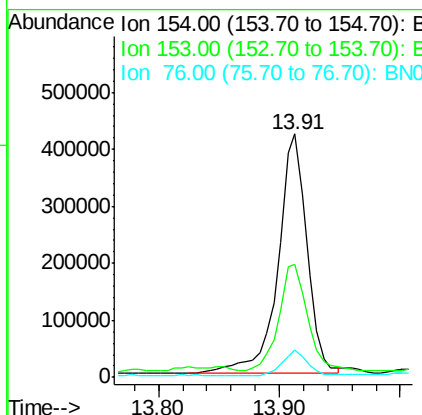
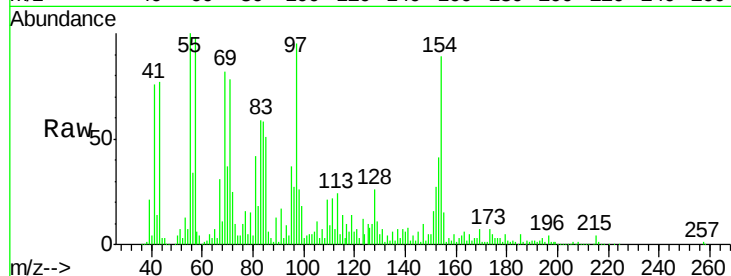




#40
1,1'-Biphenyl
Concen: 27.028 ng/ul
RT: 13.91 min Scan# 1781
Delta R.T. 0.04 min
Lab File: BN000519.D
Acq: 21 Mar 2018 14:44

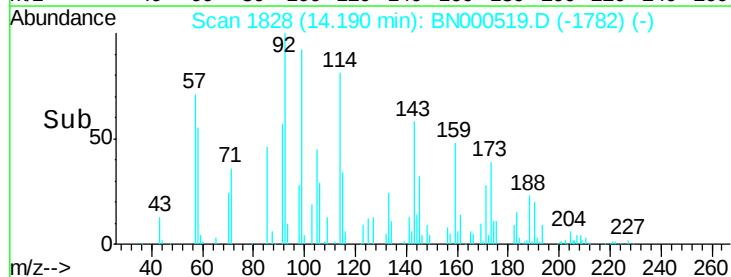
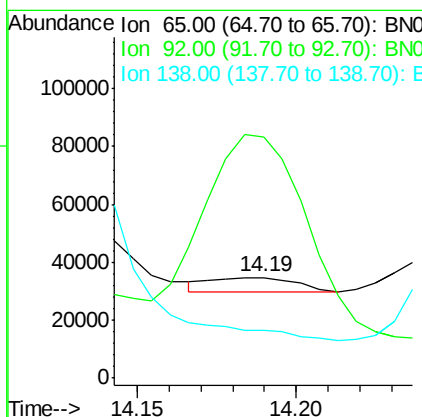
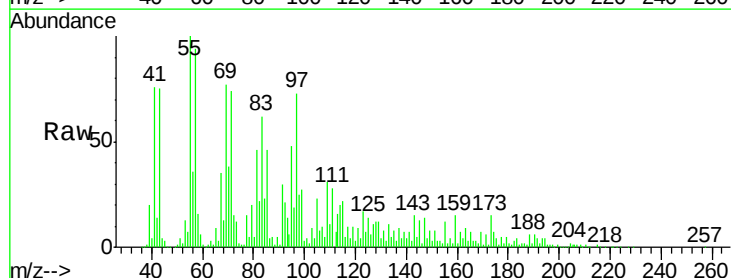
Instrument :
BNA_N
ClientSampleId :

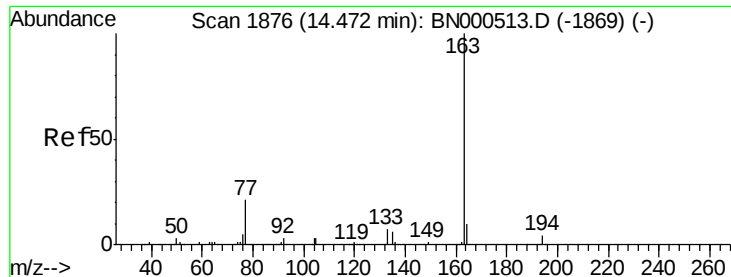
Tot Ion:154 Resp: 697092
Ion Ratio Lower Upper
154 100
153 46.6 34.0 51.0
76 11.3 8.4 12.6



#42
2-Nitroaniline
Concen: 1.481 ng/ul
RT: 14.19 min Scan# 1828
Delta R.T. 0.07 min
Lab File: BN000519.D
Acq: 21 Mar 2018 14:44

Tgt Ion: 65 Resp: 8921
Ion Ratio Lower Upper
65 100
92 239.8 57.0 85.4#
138 47.2 87.2 130.8#





#44

Dimethylphthalate

Concen: 4.214 ng/ul

RT: 14.50 min Scan# 1881

Delta R.T. 0.03 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Instrument :

BNA_N

ClientSampleId :

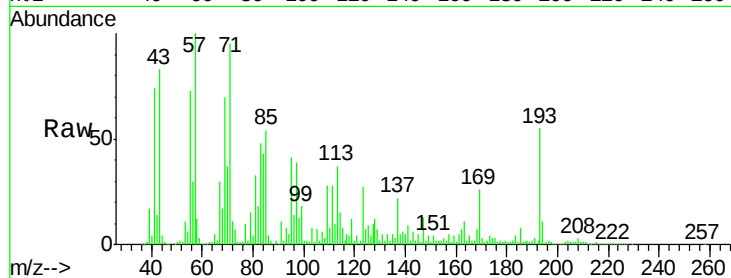
Tot Ion:163 Resp: 99769

Ion Ratio Lower Upper

163 100

194 105.8 4.0 6.0#

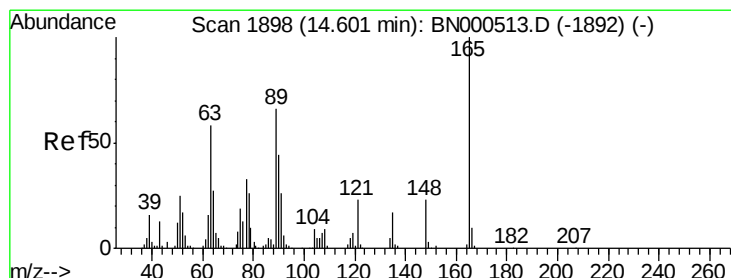
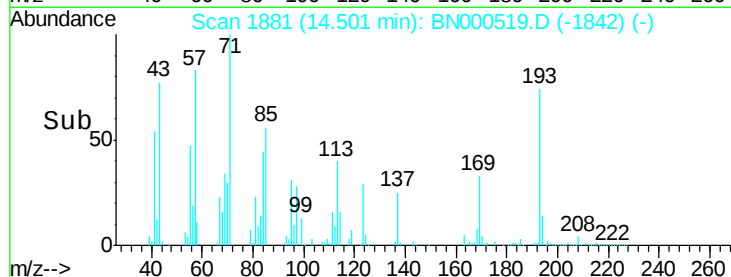
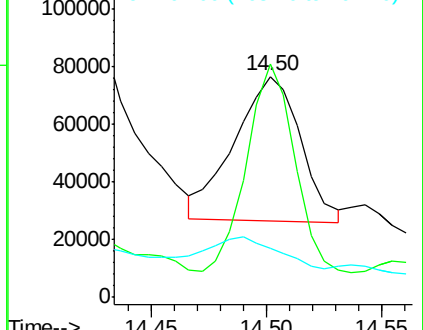
164 22.0 8.4 12.6#



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: 31.277 ng/ul

RT: 14.60 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

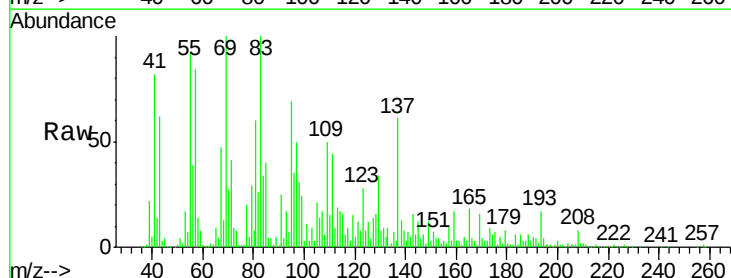
Tgt Ion:165 Resp: 149226

Ion Ratio Lower Upper

165 100

89 26.1 43.8 65.8#

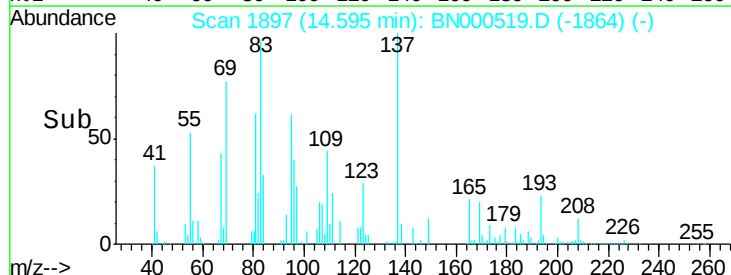
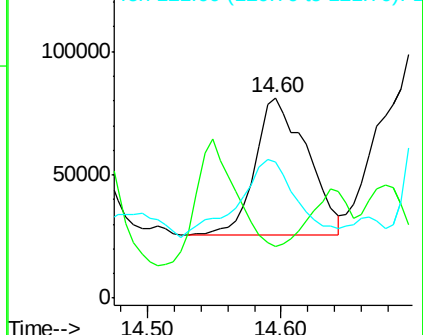
121 67.8 17.8 26.6#

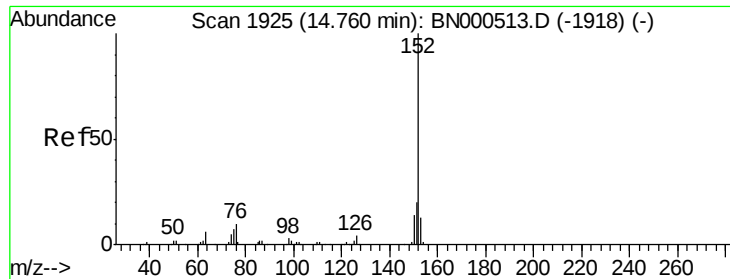


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 4.975 ng/ul

RT: 14.80 min Scan# 1932

Delta R.T. 0.04 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Instrument :

BNA_N

ClientSampleId :

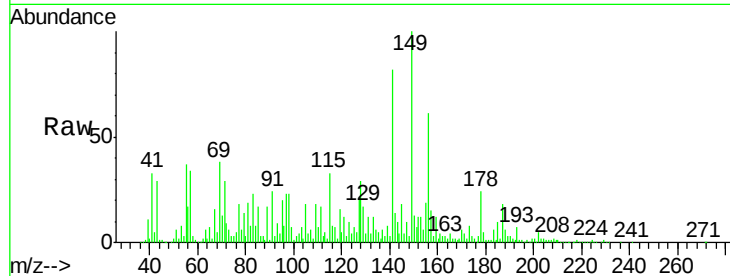
Tot Ion:152 Resp: 153903

Ion Ratio Lower Upper

152 100

151 61.0 16.1 24.1#

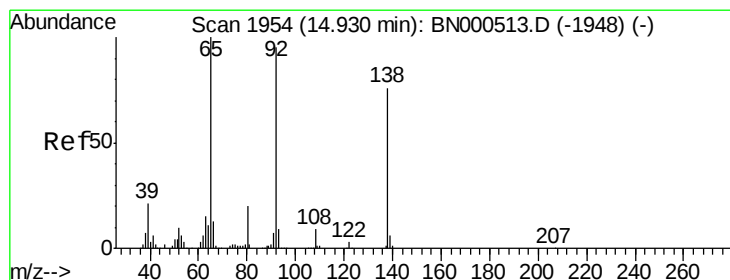
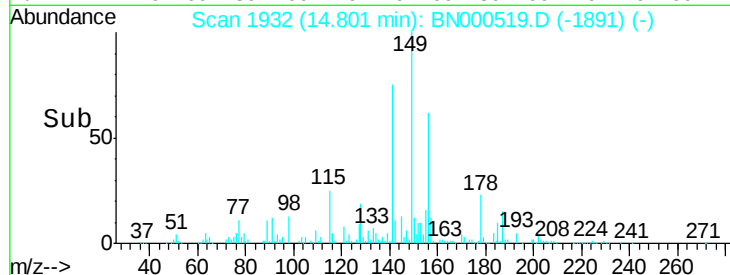
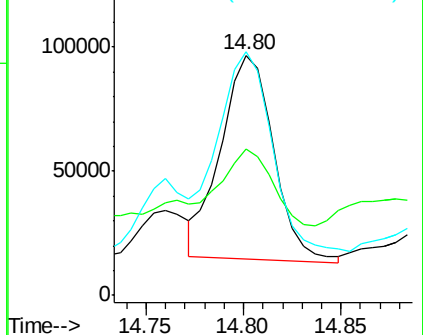
153 101.4 10.8 16.2#



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: 7.659 ng/ul

RT: 15.00 min Scan# 1966

Delta R.T. 0.07 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

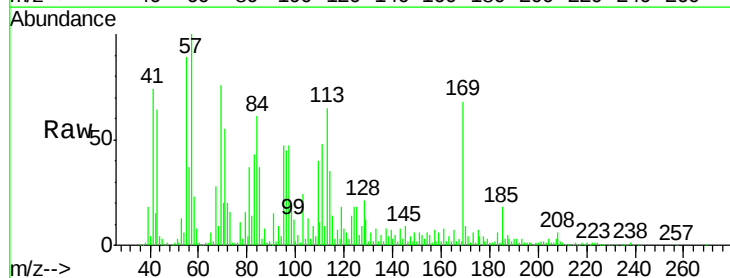
Tgt Ion:138 Resp: 35280

Ion Ratio Lower Upper

138 100

108 100.6 7.6 11.4#

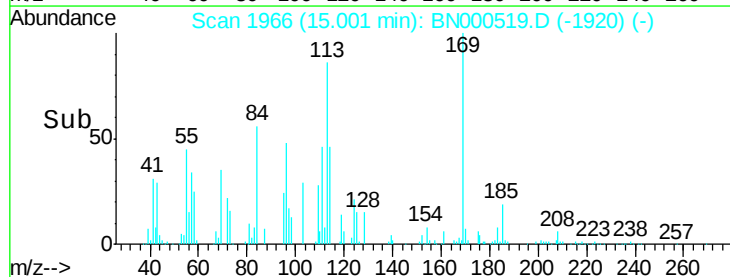
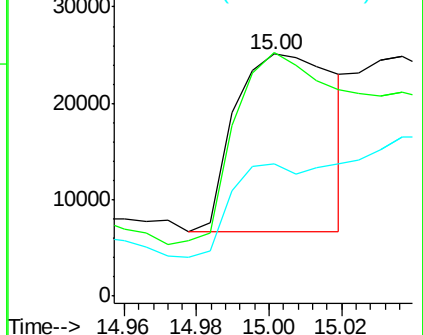
92 54.9 94.2 141.2#

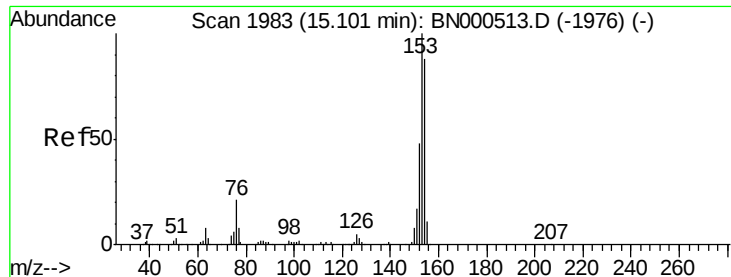


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#49

Acenaphthene

Concen: 17.457 ng/ul

RT: 15.14 min Scan# 1990

Delta R.T. 0.04 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Instrument :

BNA_N

ClientSampleId :

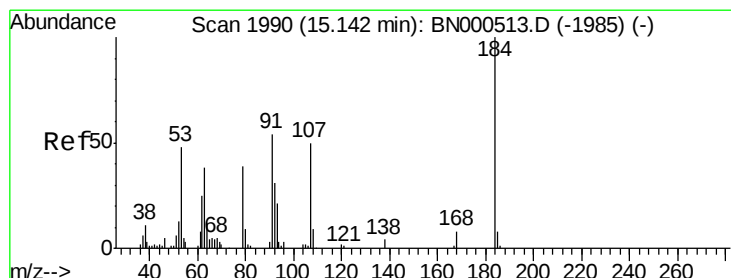
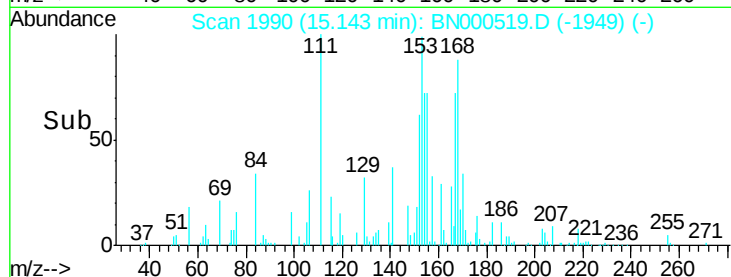
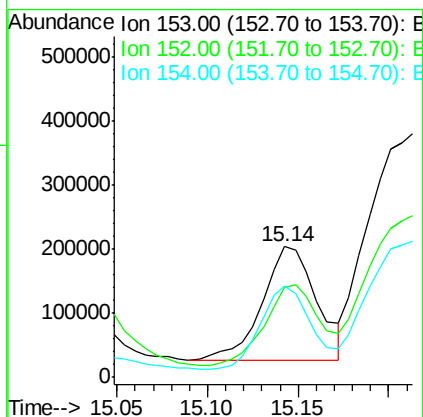
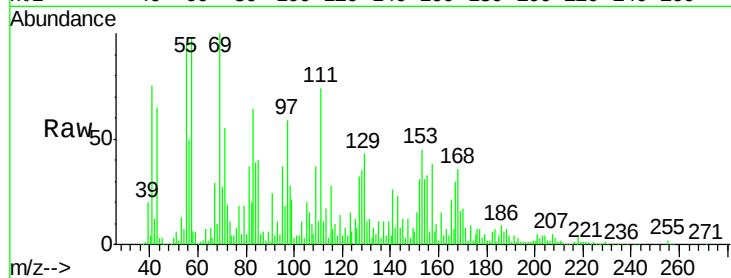
Tot Ion:153 Resp: 368186

Ion Ratio Lower Upper

153 100

152 68.6 37.9 56.9#

154 70.0 69.8 104.6



#50

2,4-Dinitrophenol

Concen: 20.480 ng/ul

RT: 15.18 min Scan# 1997

Delta R.T. 0.04 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

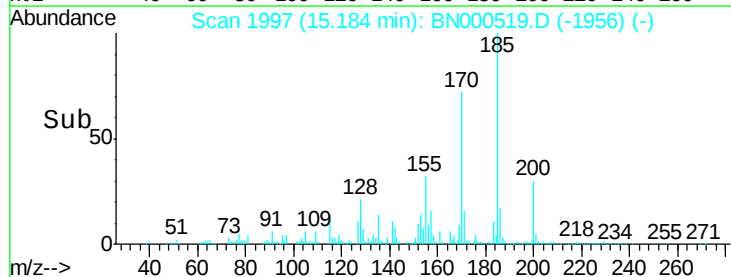
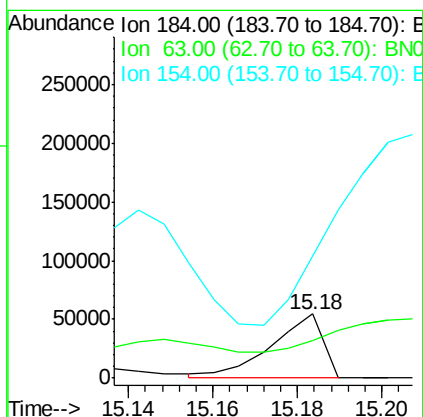
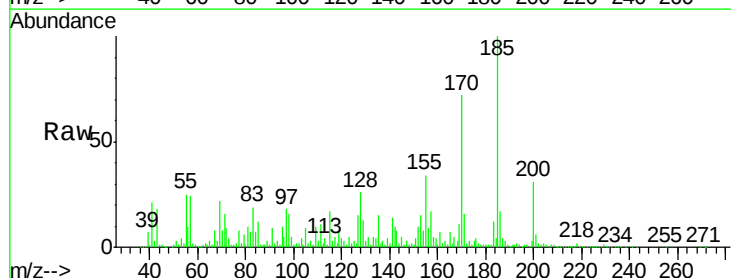
Tgt Ion:184 Resp: 46097

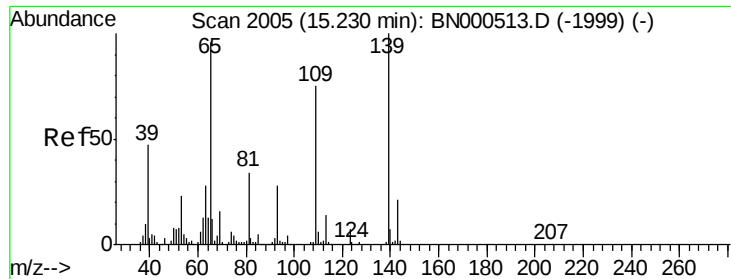
Ion Ratio Lower Upper

184 100

63 57.7 39.7 59.5

154 190.5 45.0 67.6#





#52

4-Nitrophenol

Concen: 89.808 ng/ul

RT: 15.24 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Instrument :

BNA_N

ClientSampleId :

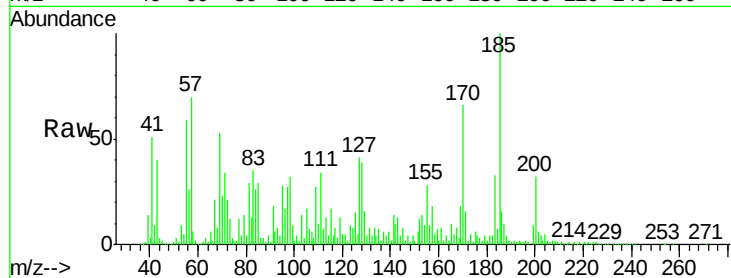
Tot Ion:109 Resp: 308457

Ion Ratio Lower Upper

109 100

139 23.4 91.2 136.8#

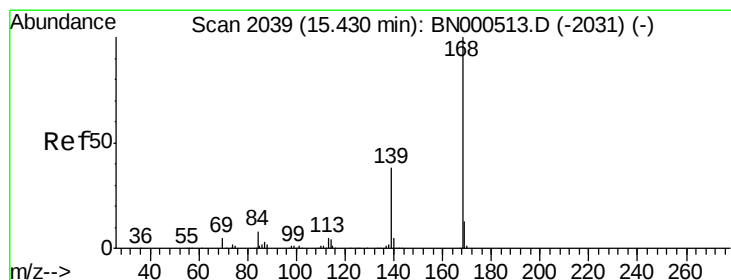
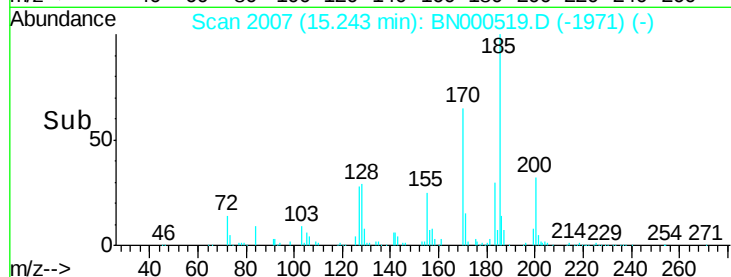
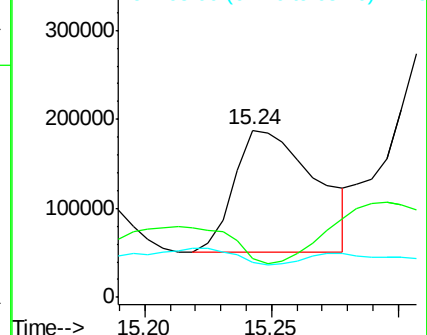
65 21.3 92.6 139.0#



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: 9.090 ng/ul

RT: 15.48 min Scan# 2048

Delta R.T. 0.05 min

Lab File: BN000519.D

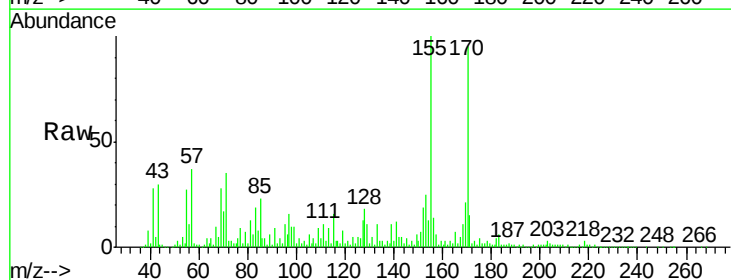
Acq: 21 Mar 2018 14:44

Tgt Ion:168 Resp: 260407

Ion Ratio Lower Upper

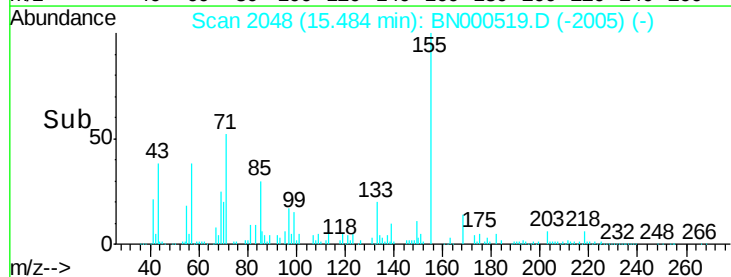
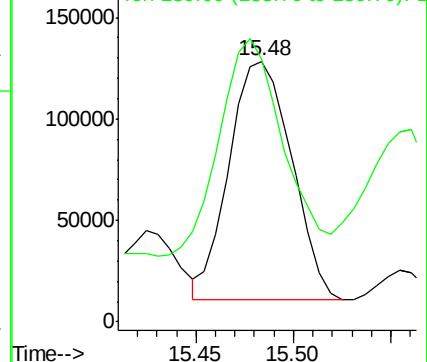
168 100

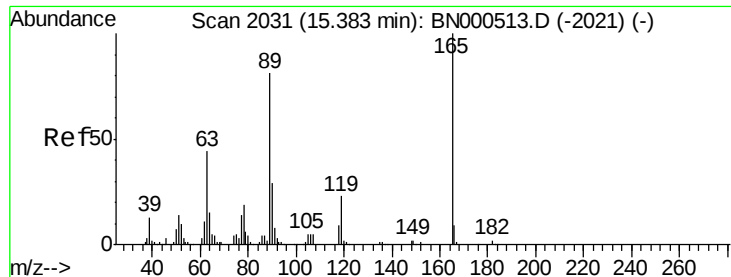
139 101.0 31.0 46.4#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 5.399 ng/ul

RT: 15.42 min Scan# 2037

Delta R.T. 0.04 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Instrument :

BNA_N

ClientSampled :

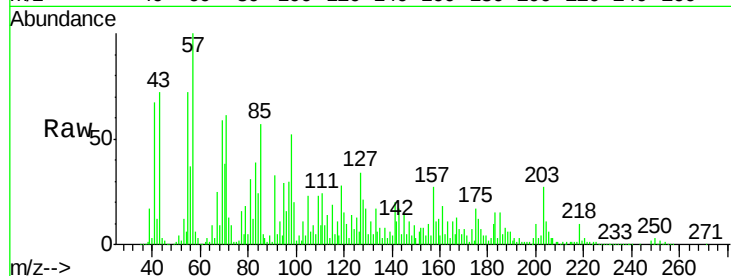
Tot Ion:165 Resp: 36516

Ion Ratio Lower Upper

165 100

63 31.3 31.4 47.0#

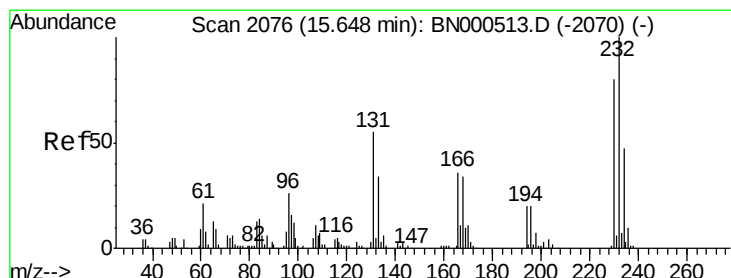
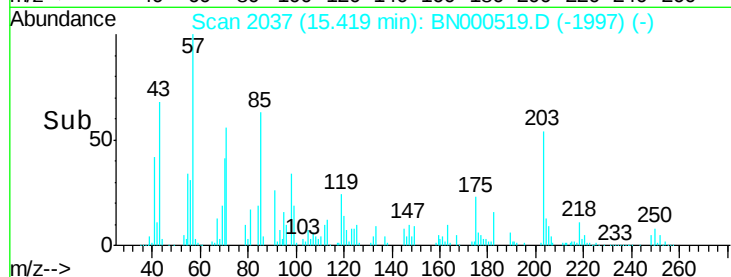
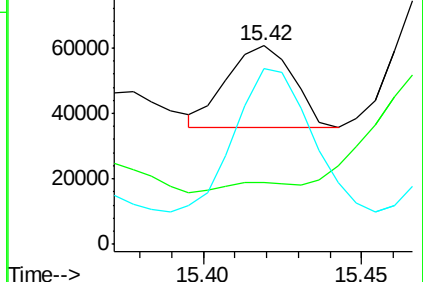
182 88.7 2.7 4.1#



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: 617.321 ng/ul

RT: 15.73 min Scan# 2090

Delta R.T. 0.08 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Tgt Ion:232 Resp: 3034747

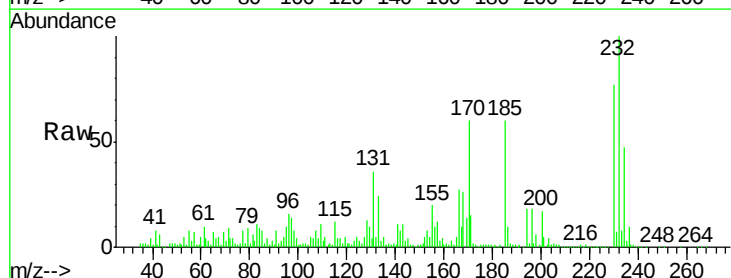
Ion Ratio Lower Upper

232 100

131 35.8 48.0 72.0#

130 4.5 4.0 6.0

166 27.0 32.0 48.0#

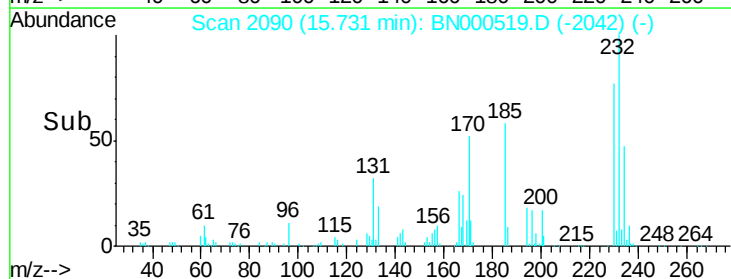
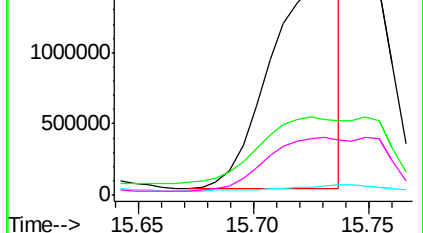


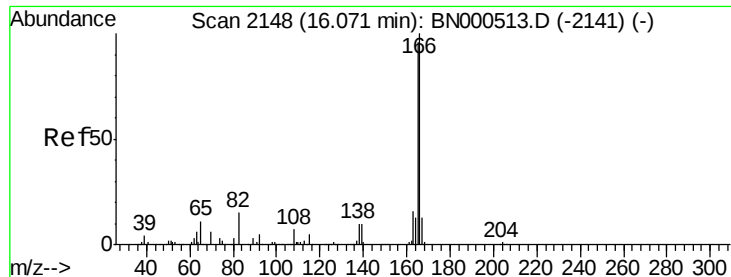
Abundance Ion 232.00 (231.70 to 232.70): E

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





#58

Fluorene

Concen: 26.920 ng/ul

RT: 16.13 min Scan# 2158

Delta R.T. 0.06 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Instrument :

BNA_N

ClientSampleId :

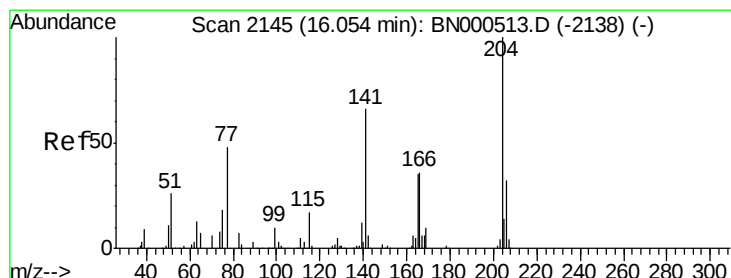
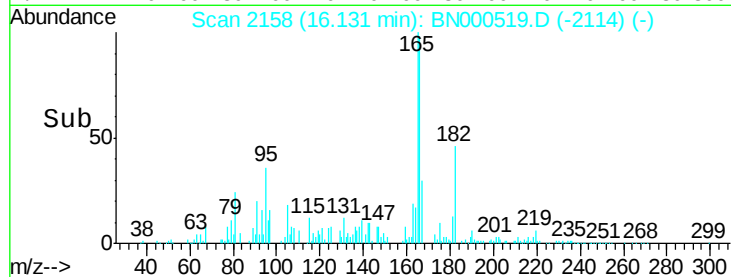
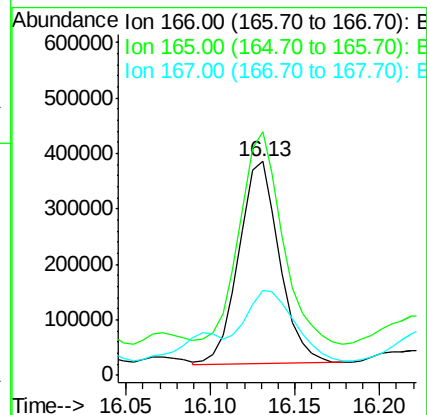
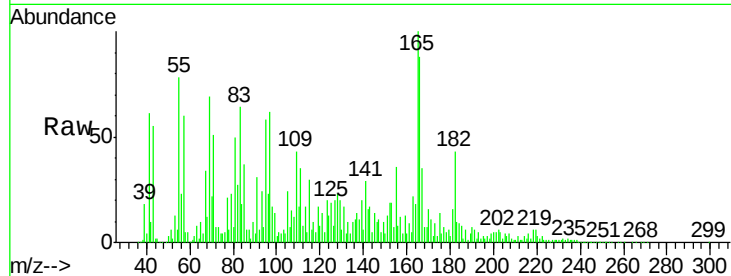
Tot Ion:166 Resp: 612824

Ion Ratio Lower Upper

166 100

165 113.8 78.4 117.6

167 39.5 11.1 16.7#



#59

4-Chlorophenyl-phenylether

Concen: 2.863 ng/ul

RT: 16.16 min Scan# 2163

Delta R.T. 0.11 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

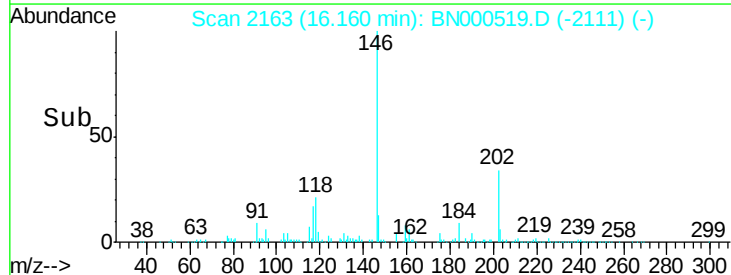
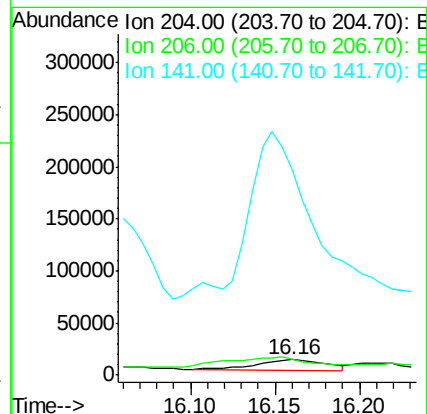
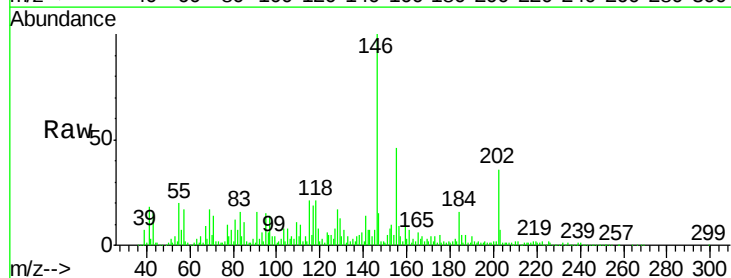
Tgt Ion:204 Resp: 30116

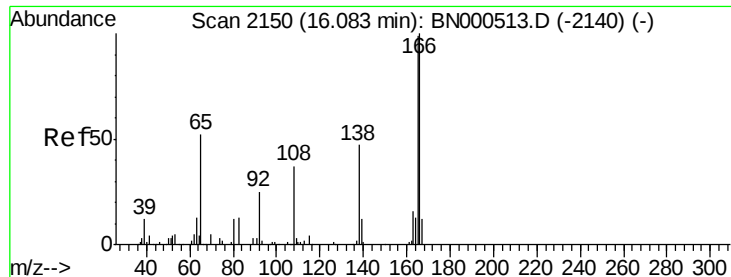
Ion Ratio Lower Upper

204 100

206 102.5 26.6 40.0#

141 1333.3 40.7 61.1#

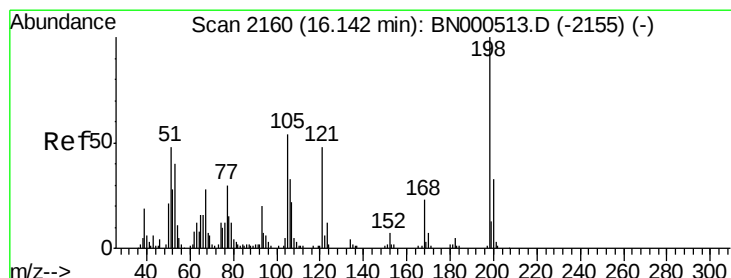
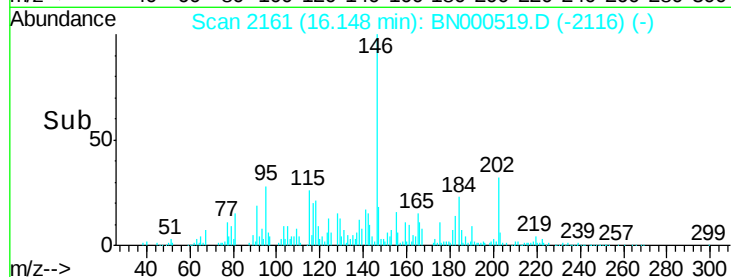
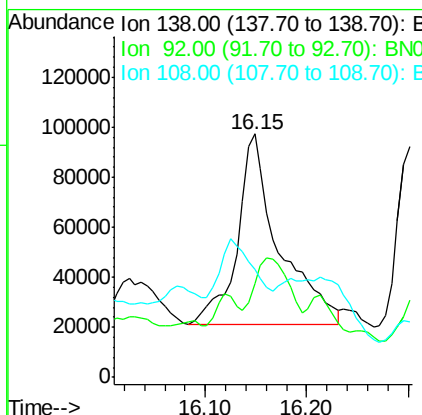
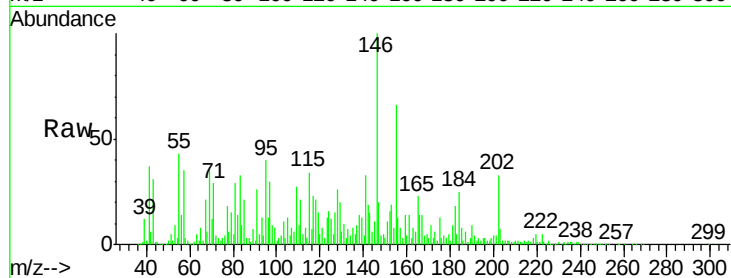




#60
4-Nitroaniline
Concen: 42.388 ng/ul
RT: 16.15 min Scan# 2161
Delta R.T. 0.07 min
Lab File: BN000519.D
Acq: 21 Mar 2018 14:44

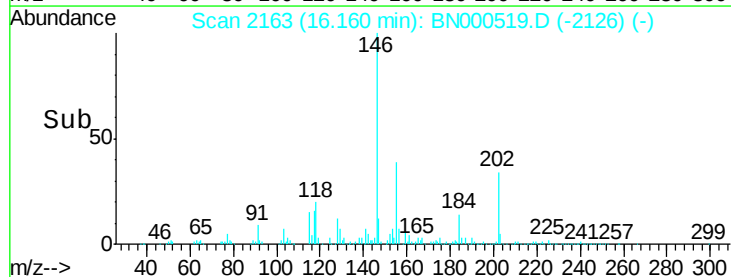
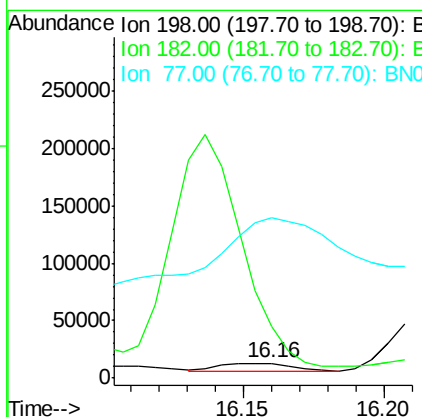
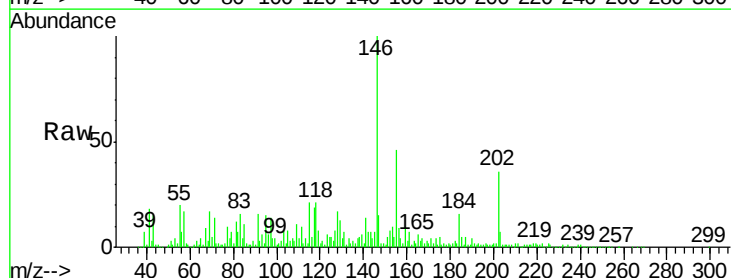
Instrument :
BNA_N
ClientSampleId :

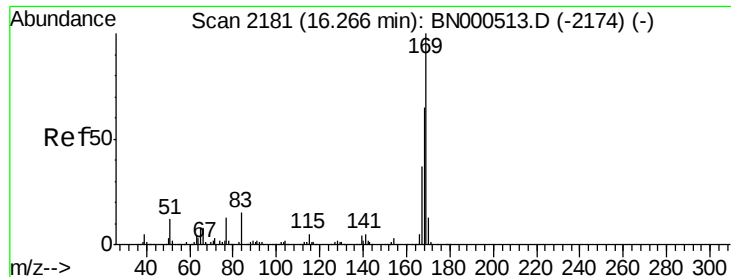
Tot Ion:138 Resp: 219358
Ion Ratio Lower Upper
138 100
92 38.5 38.2 57.4
108 44.2 70.0 105.0#



#63
4,6-Dinitro-2-methylphenol
Concen: 1000.687 ng/ul
RT: 16.16 min Scan# 2163
Delta R.T. 0.02 min
Lab File: BN000519.D
Acq: 21 Mar 2018 14:44

Tgt Ion:198 Resp: 12736
Ion Ratio Lower Upper
198 100
182 354.1 3.5 5.3#
77 1099.9 18.2 27.4#



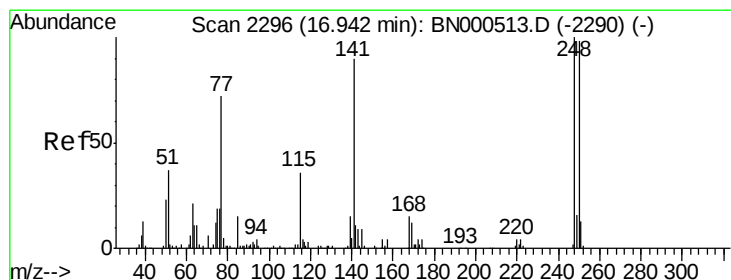
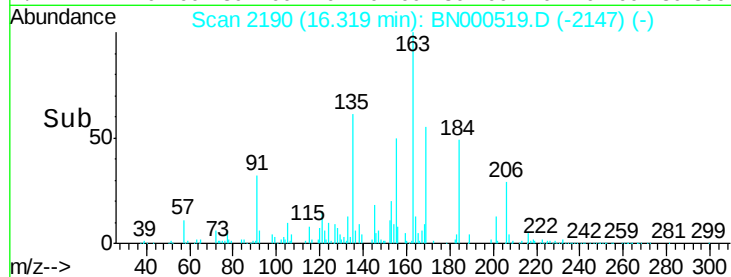
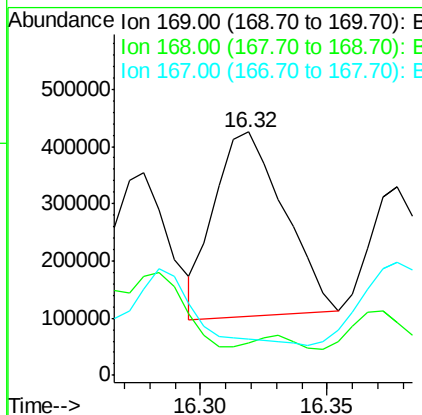
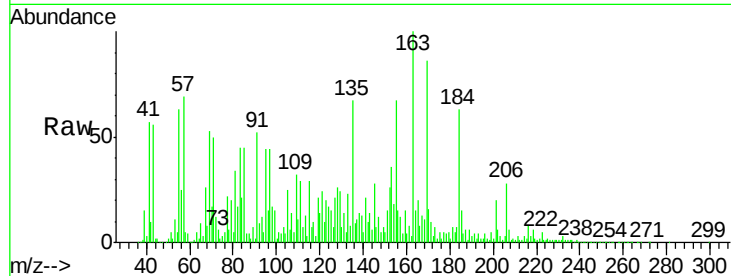


#64

N-Nitrosodiphenylamine
 Concen: 8960.494 ng/ul
 RT: 16.32 min Scan# 2190
 Delta R.T. 0.05 min
 Lab File: BN000519.D
 Acq: 21 Mar 2018 14:44

Instrument :
 BNA_N
 ClientSampleId :

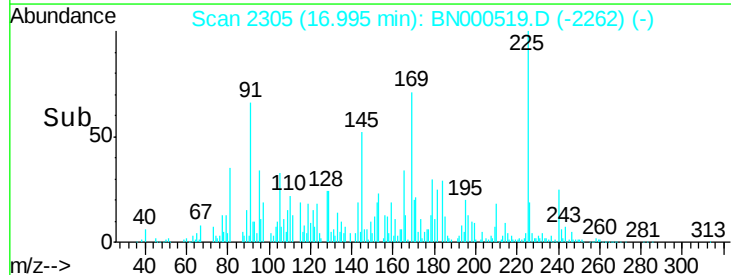
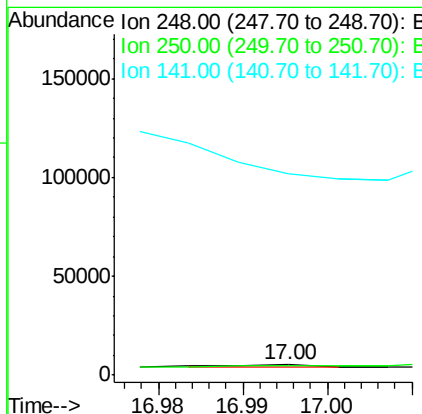
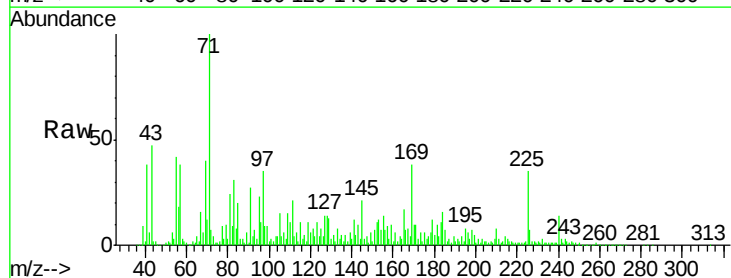
Tot Ion:169 Resp: 621378
 Ion Ratio Lower Upper
 169 100
 168 13.3 53.8 80.8#
 167 14.7 29.5 44.3#

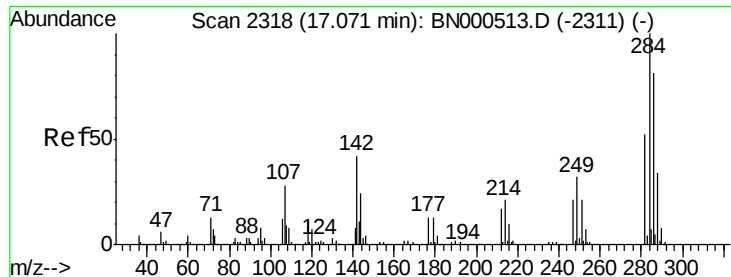


#65

4-Bromophenyl-phenylether
 Concen: 36.214 ng/ul
 RT: 17.00 min Scan# 2305
 Delta R.T. 0.05 min
 Lab File: BN000519.D
 Acq: 21 Mar 2018 14:44

Tgt Ion:248 Resp: 777
 Ion Ratio Lower Upper
 248 100
 250 89.3 79.0 118.4
 141 1922.7 51.9 77.9#





#66

Hexachlorobenzene

Concen: 2936.211 ng/ul

RT: 17.12 min Scan# 2327

Delta R.T. 0.05 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Instrument :

BNA_N

ClientSampleId :

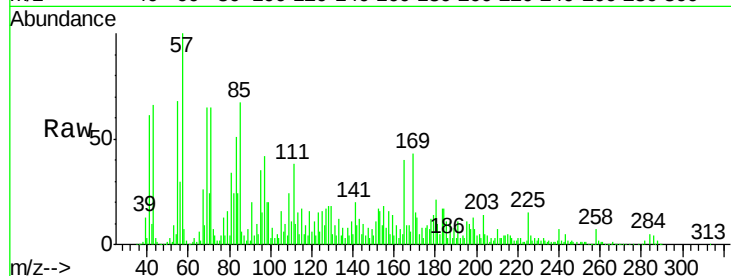
Tot Ion:284 Resp: 66521

Ion Ratio Lower Upper

284 100

142 200.1 21.3 31.9#

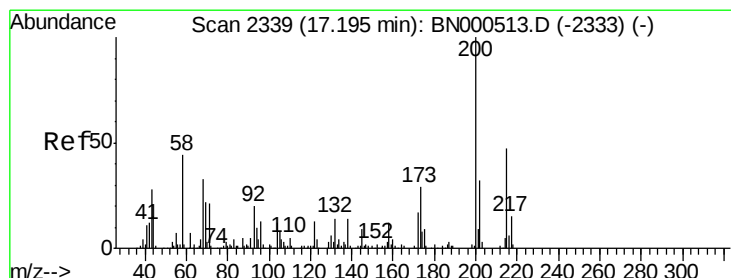
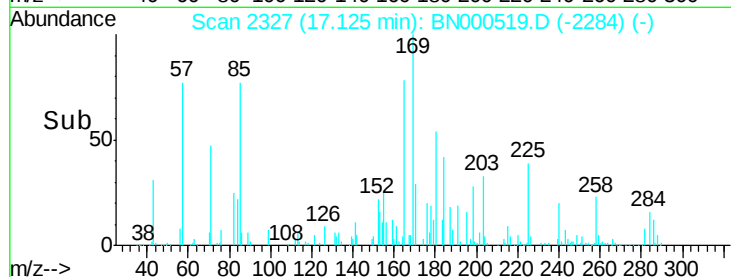
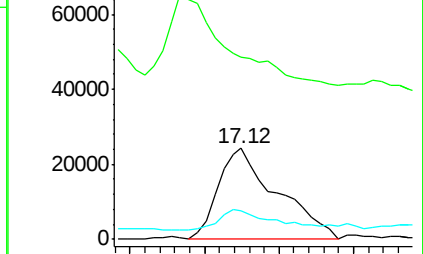
249 31.8 26.3 39.5



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#67

Atrazine

Concen: 58.235 ng/ul

RT: 17.25 min Scan# 2348

Delta R.T. 0.05 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

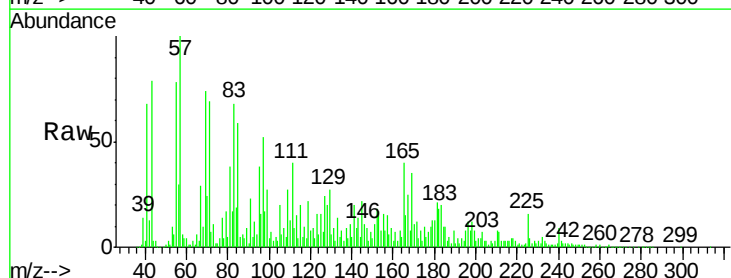
Tgt Ion:200 Resp: 1218

Ion Ratio Lower Upper

200 100

173 283.5 20.6 31.0#

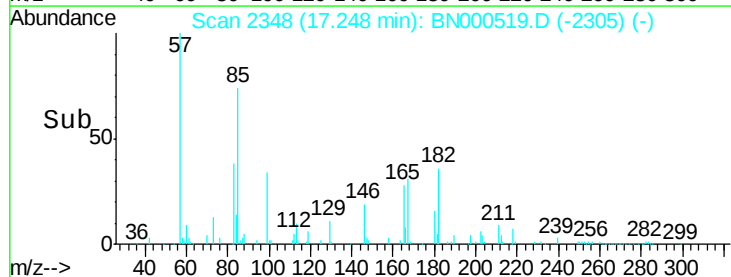
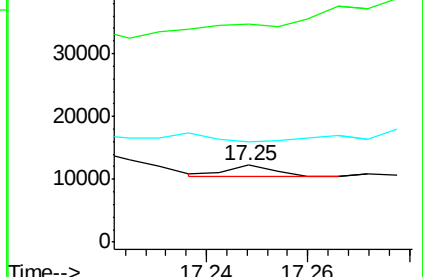
215 130.8 39.8 59.6#

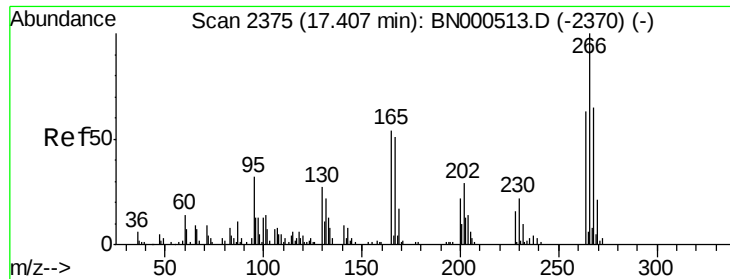


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

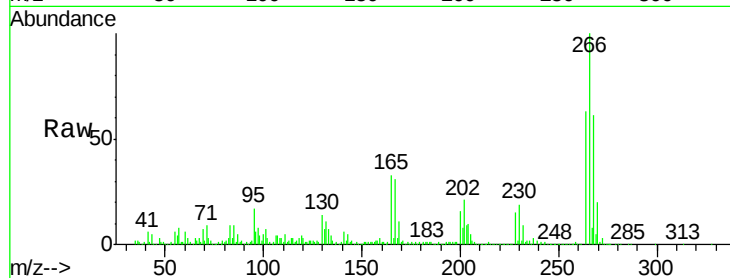




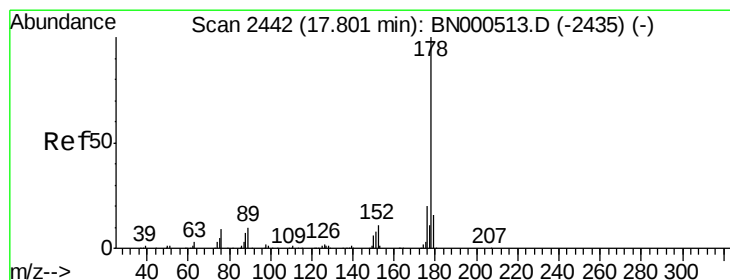
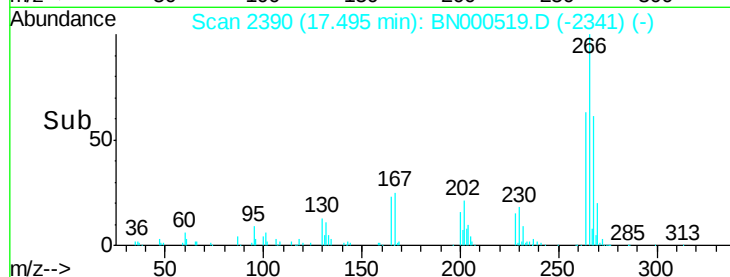
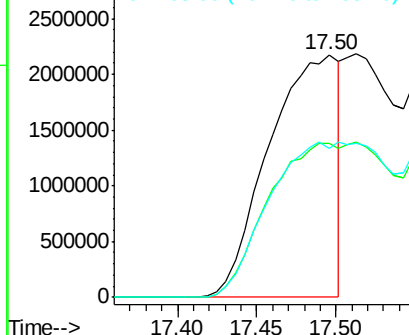
#68
 Pentachlorophenol
 Concen: 554525.825 ng/u1
 RT: 17.50 min Scan# 2390
 Delta R.T. 0.09 min
 Lab File: BN000519.D
 Acq: 21 Mar 2018 14:44

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 6632393
 Ion Ratio Lower Upper
 266 100
 264 63.4 48.2 72.4
 268 61.4 52.3 78.5

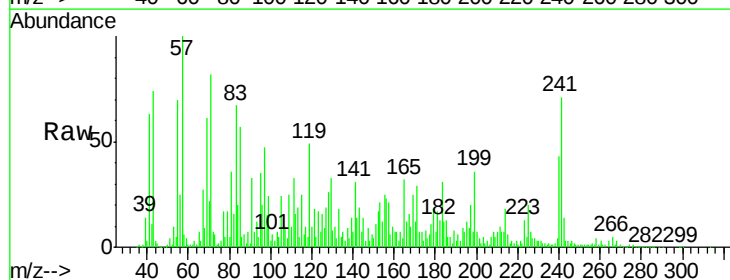


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

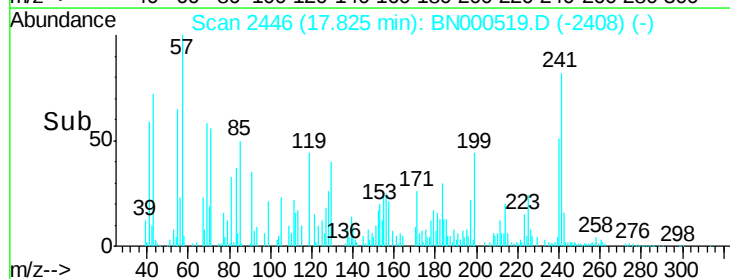
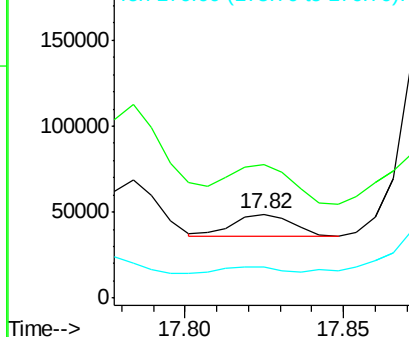


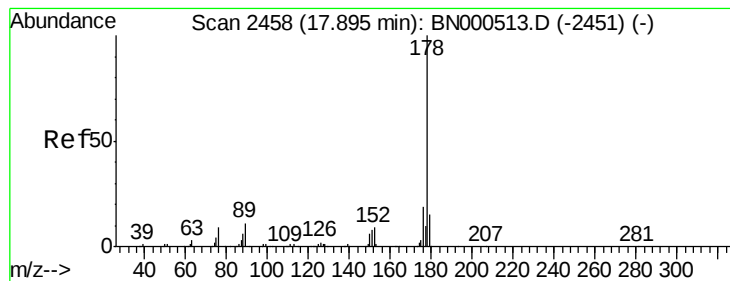
#69
 Phenanthrene
 Concen: 133.505 ng/u1
 RT: 17.82 min Scan# 2446
 Delta R.T. 0.02 min
 Lab File: BN000519.D
 Acq: 21 Mar 2018 14:44

Tgt Ion:178 Resp: 16190
 Ion Ratio Lower Upper
 178 100
 179 159.5 12.3 18.5#
 176 36.8 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: 1660.710 ng/ul

RT: 17.98 min Scan# 2472

Delta R.T. 0.08 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Instrument :

BNA_N

ClientSampleId :

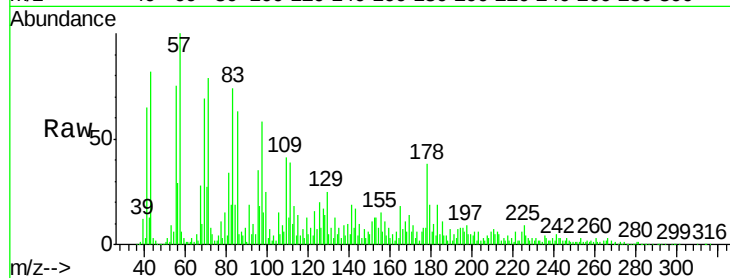
Tot Ion:178 Resp: 206502

Ion Ratio Lower Upper

178 100

179 50.9 13.4 20.2#

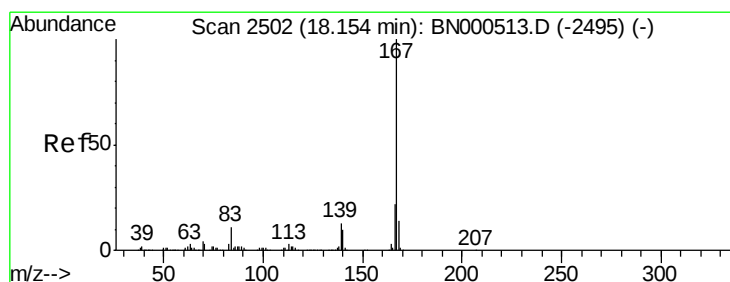
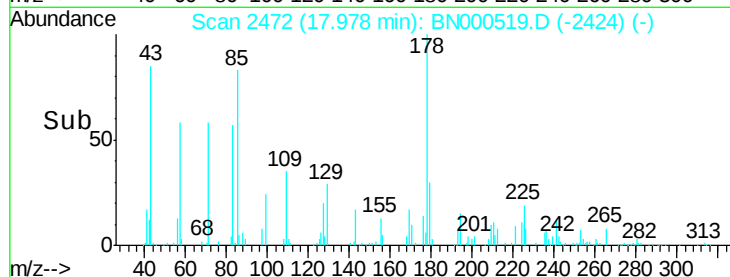
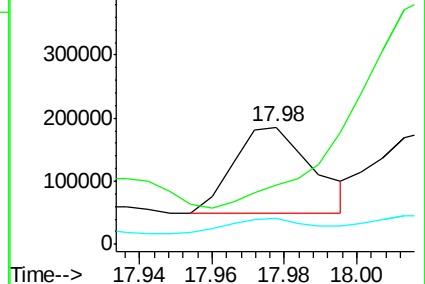
176 22.1 15.4 23.0



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: 816.347 ng/ul

RT: 18.22 min Scan# 2513

Delta R.T. 0.07 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

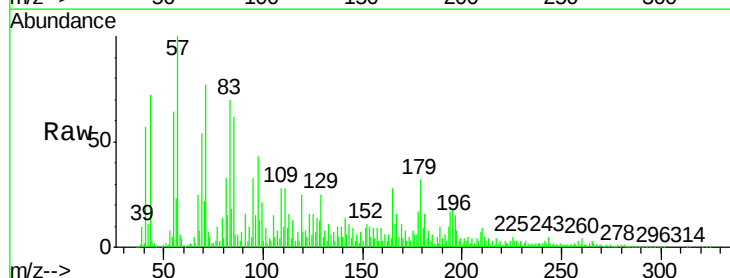
Tgt Ion:167 Resp: 87048

Ion Ratio Lower Upper

167 100

166 71.1 17.0 25.4#

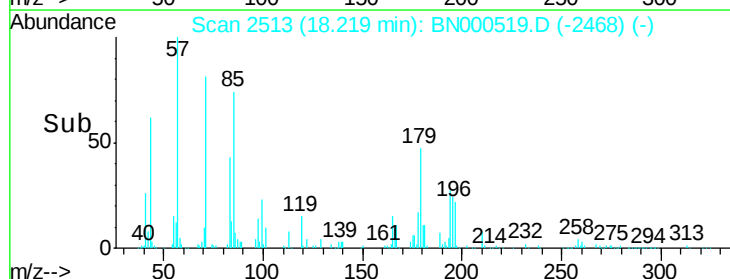
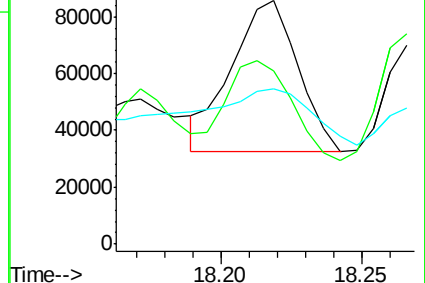
139 63.8 9.1 13.7#

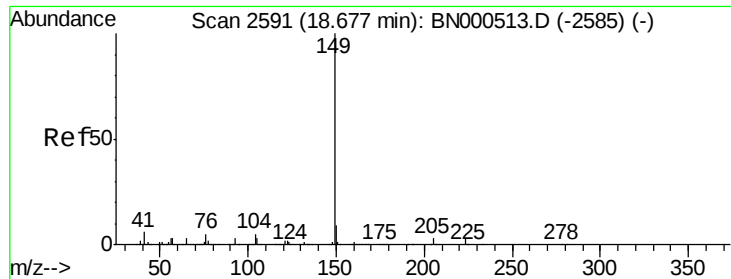


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 237.105 ng/ul

RT: 18.71 min Scan# 2597

Delta R.T. 0.04 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Instrument :

BNA_N

ClientSampleId :

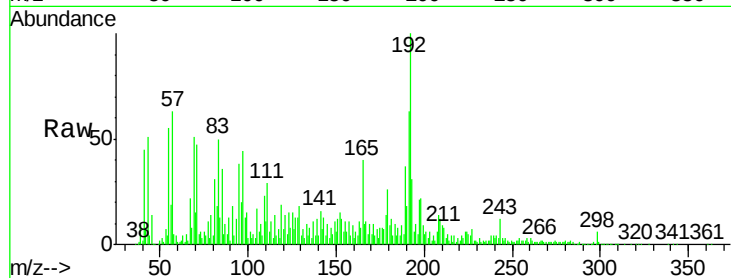
Tot Ion:149 Resp: 34382

Ion Ratio Lower Upper

149 100

150 57.3 7.5 11.3#

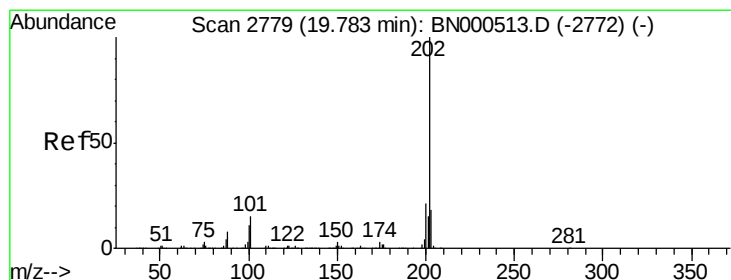
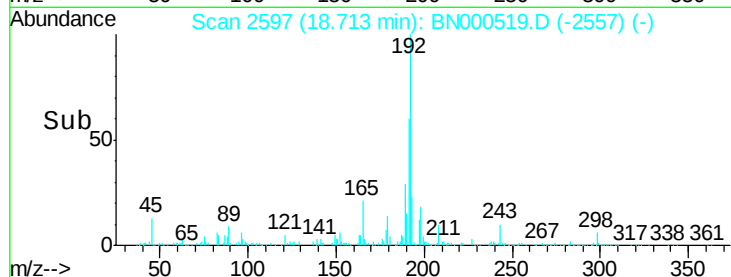
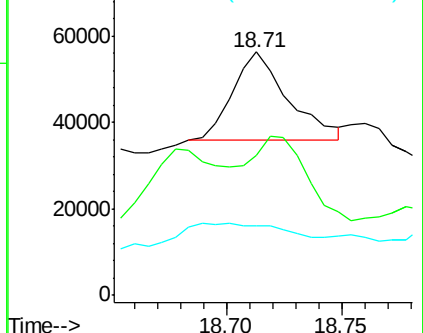
104 28.5 4.1 6.1#



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: 6293.326 ng/ul

RT: 19.82 min Scan# 2785

Delta R.T. 0.04 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

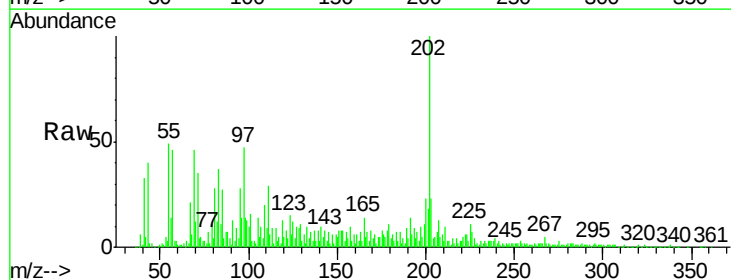
Tgt Ion:202 Resp: 758376

Ion Ratio Lower Upper

202 100

101 16.1 6.1 9.1#

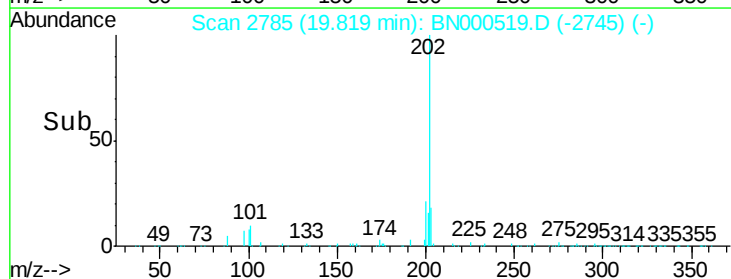
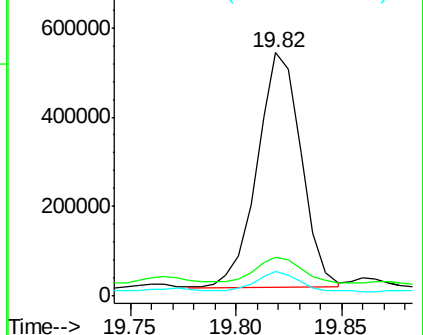
100 10.1 4.6 7.0#

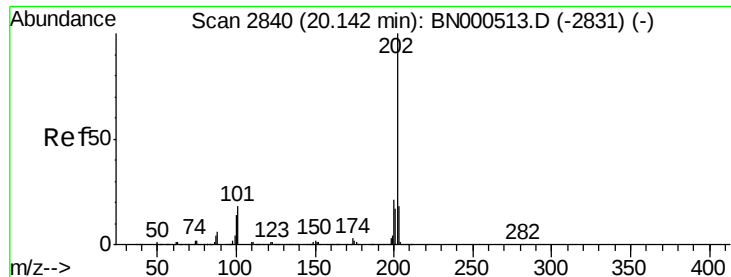


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 12098.665 ng/ul

RT: 20.18 min Scan# 2846

Delta R.T. 0.04 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Instrument :

BNA_N

ClientSampleId :

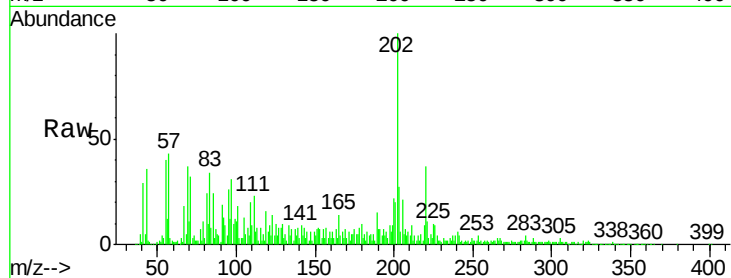
Tot Ion:202 Resp: 783823

Ion Ratio Lower Upper

202 100

101 18.2 6.9 10.3#

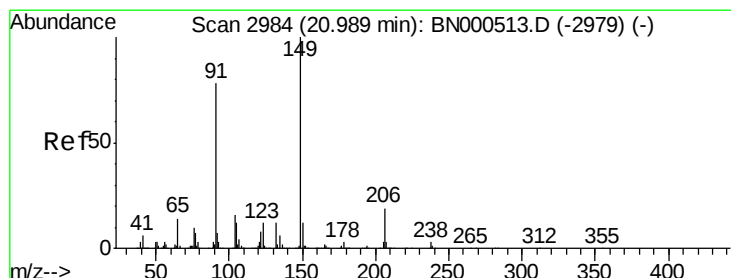
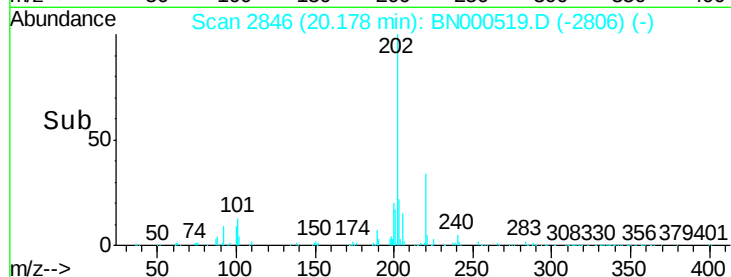
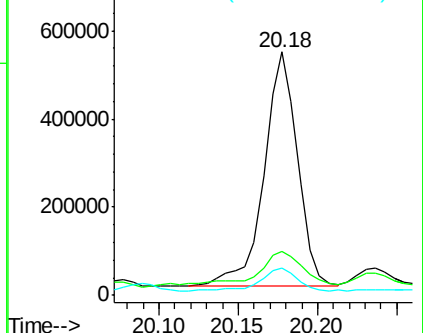
100 11.3 5.6 8.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#78

Butylbenzylphthalate

Concen: 476.594 ng/ul

RT: 21.06 min Scan# 2996

Delta R.T. 0.07 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

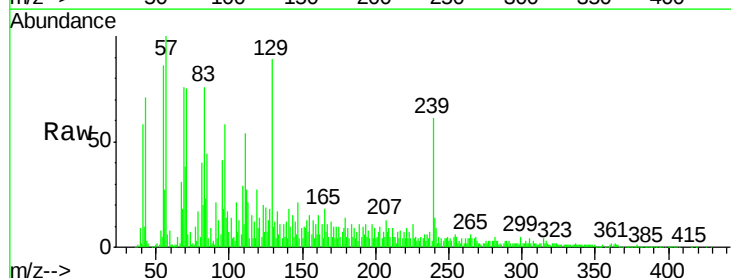
Tgt Ion:149 Resp: 15337

Ion Ratio Lower Upper

149 100

91 224.3 53.4 80.0#

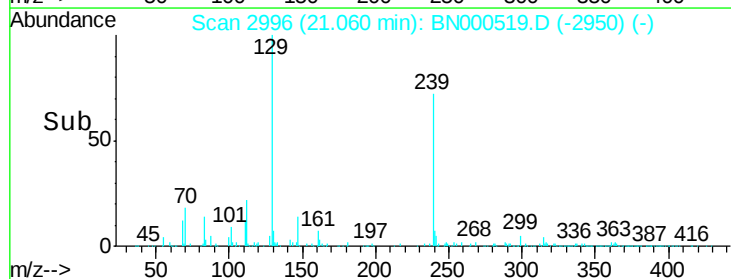
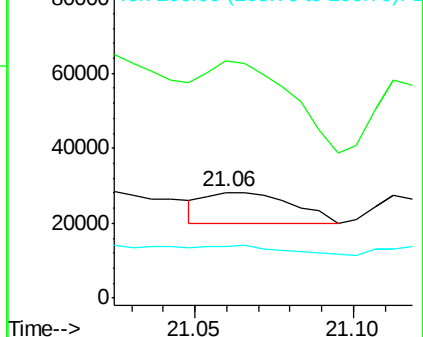
206 48.5 19.3 28.9#

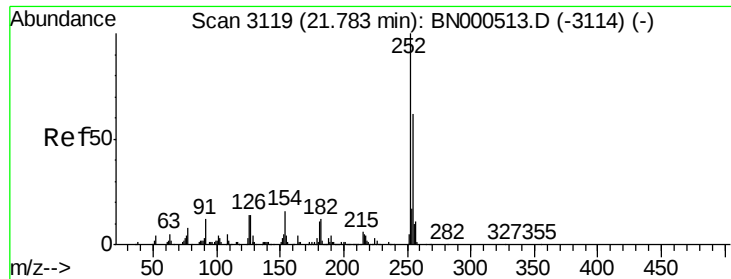


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

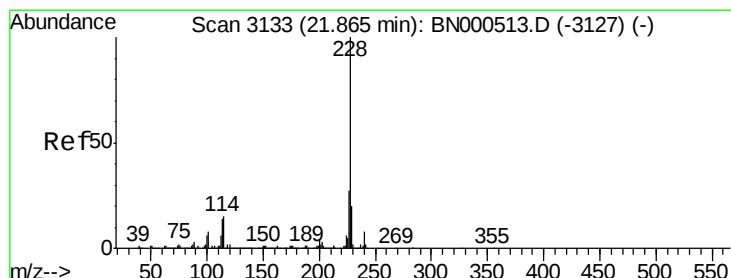
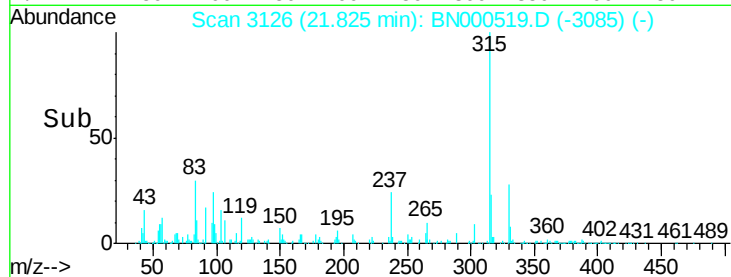
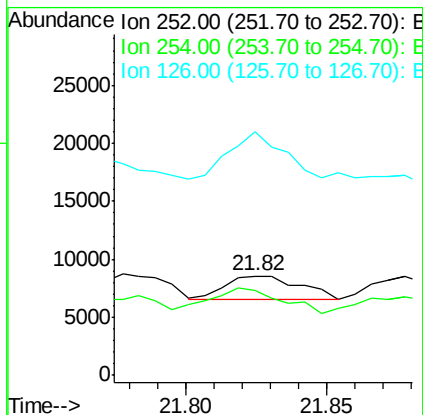
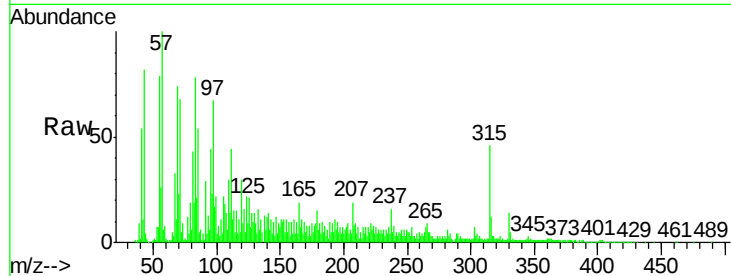




#79
 3,3'-Dichlorobenzidine
 Concen: 218.766 ng/ul
 RT: 21.82 min Scan# 3126
 Delta R.T. 0.04 min
 Lab File: BN000519.D
 Acq: 21 Mar 2018 14:44

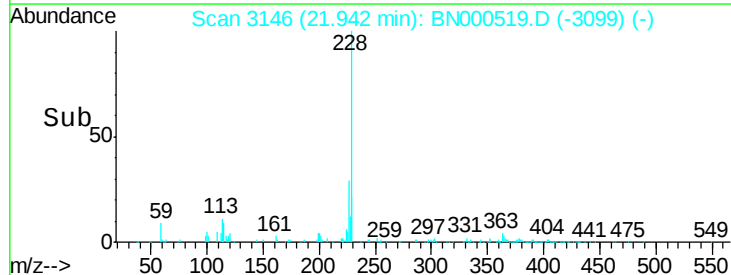
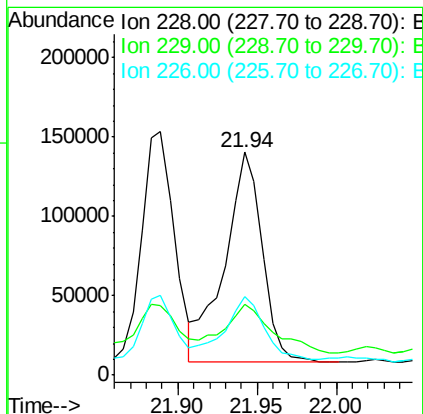
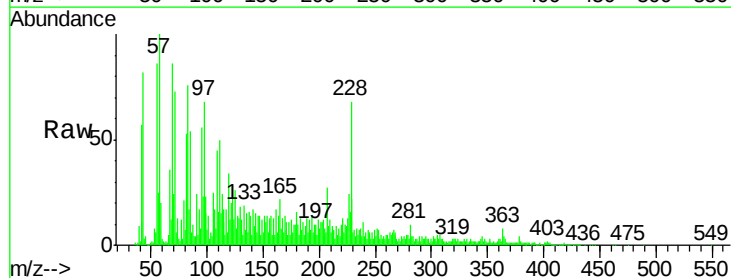
Instrument :
 BNA_N
 ClientSampleId :

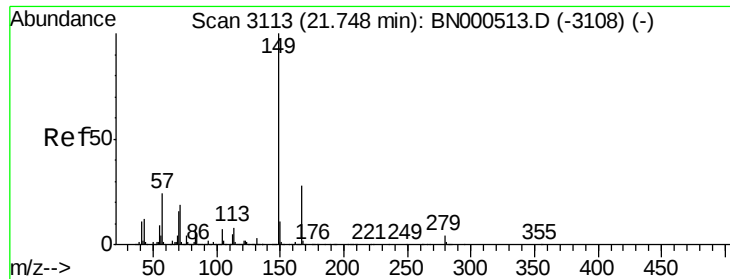
Tot Ion:252 Resp: 3791
 Ion Ratio Lower Upper
 252 100
 254 85.6 52.8 79.2#
 126 245.0 6.9 10.3#



#80
 Benzo(a)anthracene
 Concen: 3707.305 ng/ul
 RT: 21.94 min Scan# 3146
 Delta R.T. 0.08 min
 Lab File: BN000519.D
 Acq: 21 Mar 2018 14:44

Tgt Ion:228 Resp: 219101
 Ion Ratio Lower Upper
 228 100
 229 32.0 16.0 24.0#
 226 35.2 21.8 32.8#





#81

Bis(2-ethylhexyl)phthalate

Concen: 11868.357 ng/ul

RT: 21.76 min Scan# 3115

Delta R.T. 0.01 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Instrument :

BNA_N

ClientSampleId :

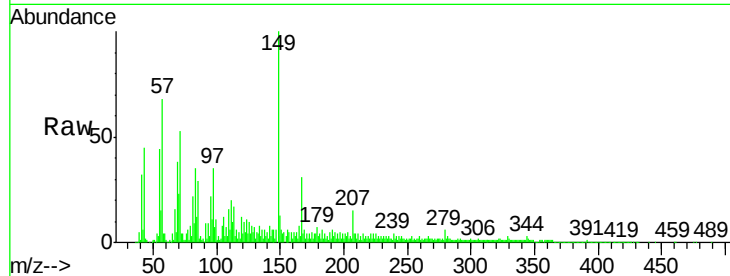
Tot Ion:149 Resp: 554482

Ion Ratio Lower Upper

149 100

167 30.8 23.0 34.6

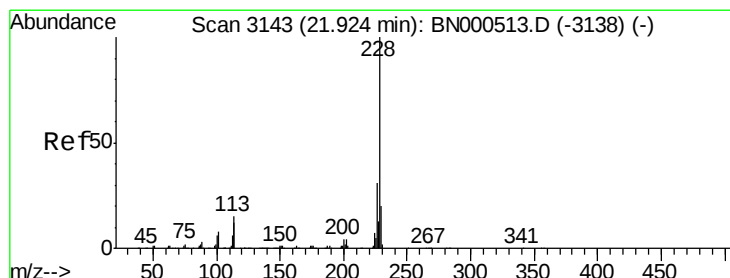
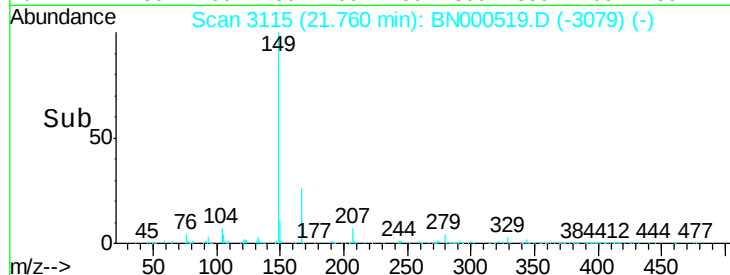
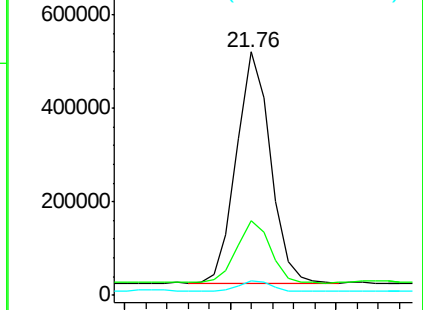
279 5.8 4.3 6.5



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: 28.716 ng/ul

RT: 22.02 min Scan# 3160

Delta R.T. 0.10 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

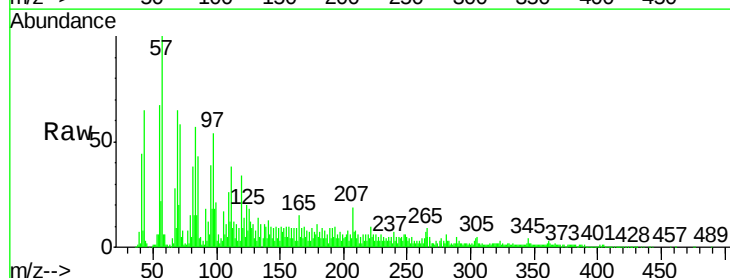
Tgt Ion:228 Resp: 1591

Ion Ratio Lower Upper

228 100

226 102.9 24.1 36.1#

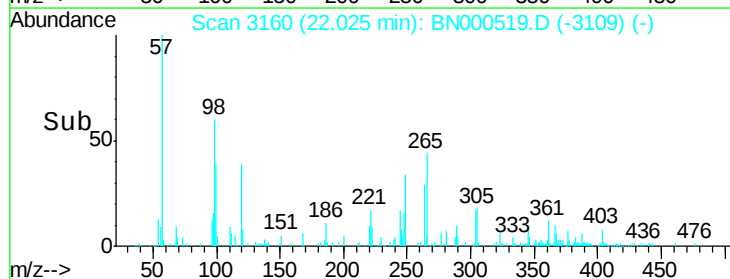
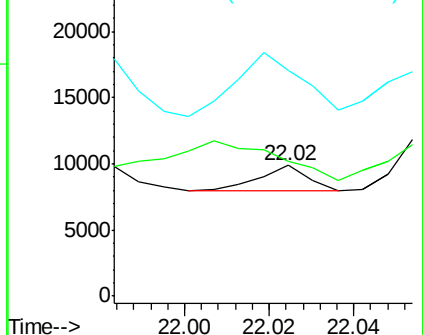
229 172.6 16.0 24.0#

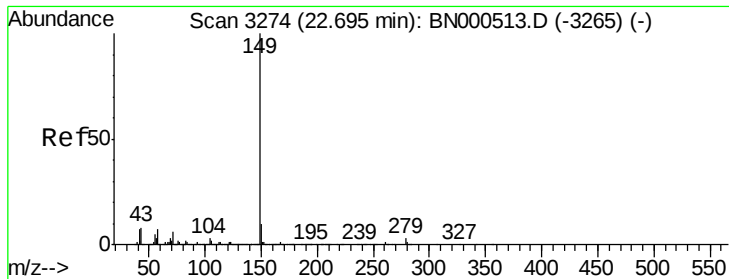


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



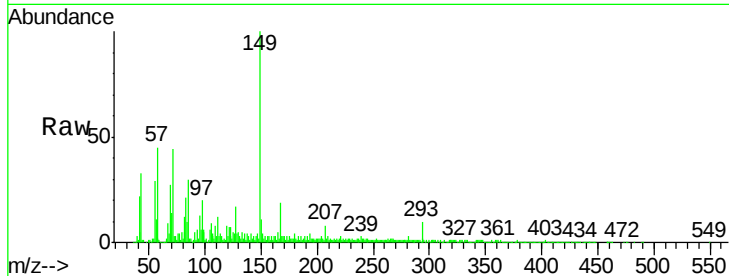


#84

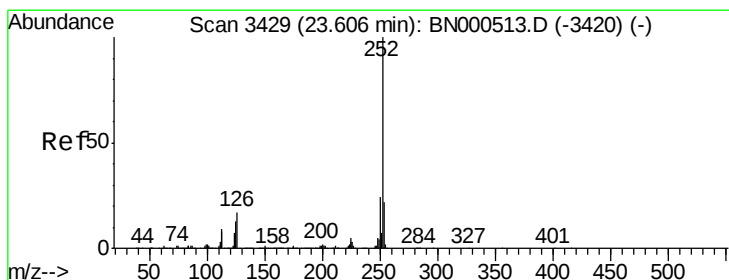
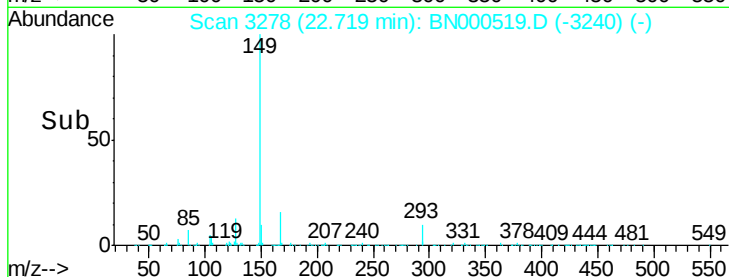
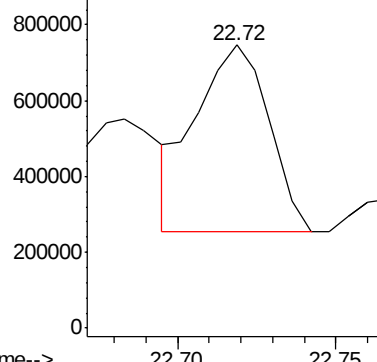
Di-n-octyl phthalate
Concen: 17.126 ng/ul
RT: 22.72 min Scan# 3278
Delta R.T. 0.02 min
Lab File: BN000519.D
Acq: 21 Mar 2018 14:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 787301



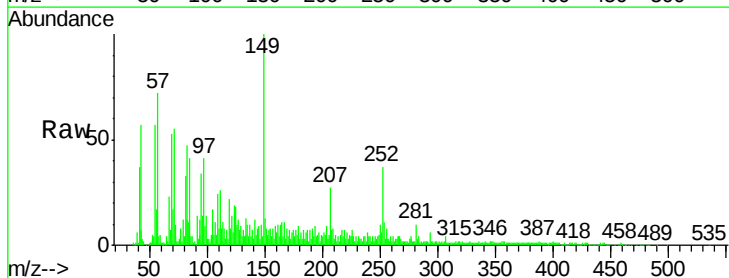
Abundance Ion 149.00 (148.70 to 149.70): E



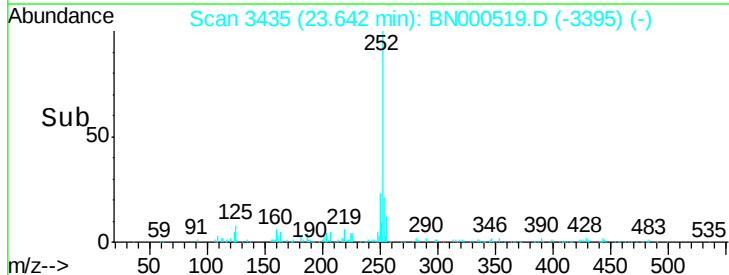
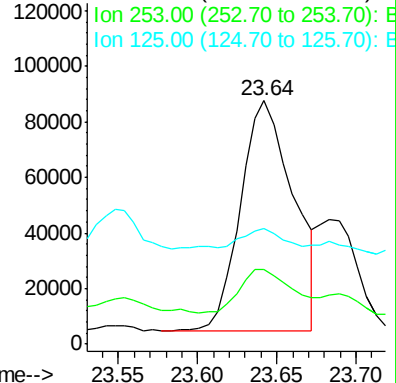
#85

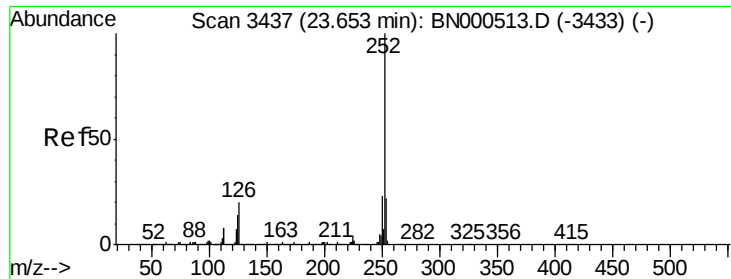
Benzo(b)fluoranthene
Concen: 5.626 ng/ul
RT: 23.64 min Scan# 3435
Delta R.T. 0.04 min
Lab File: BN000519.D
Acq: 21 Mar 2018 14:44

Tgt Ion:252 Resp: 194159
Ion Ratio Lower Upper
252 100
253 30.7 17.4 26.0#
125 47.5 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E





#86

Benzo(k)fluoranthene

Concen: 5.828 ng/ul

RT: 23.64 min Scan# 3435

Delta R.T. -0.01 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

Instrument :

BNA_N

ClientSampled :

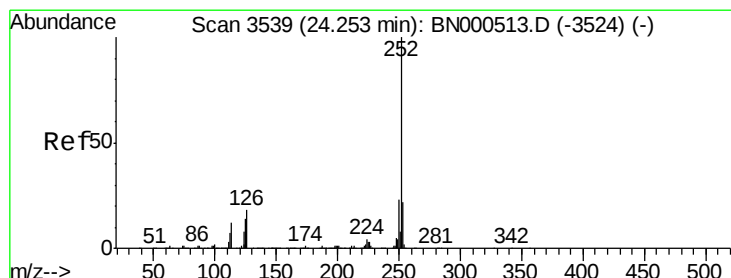
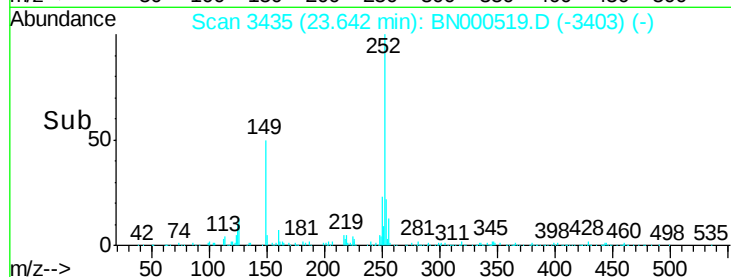
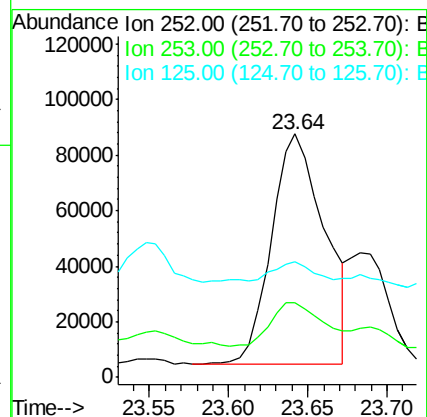
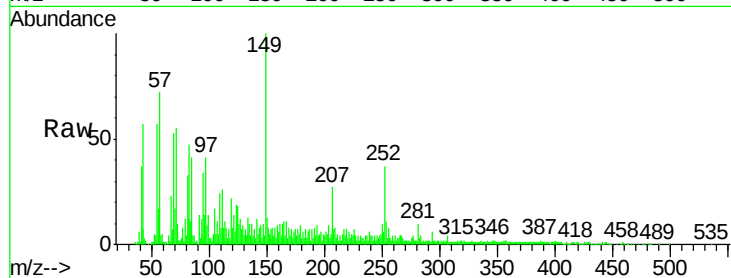
Tot Ion:252 Resp: 194159

Ion Ratio Lower Upper

252 100

253 30.7 17.1 25.7#

125 47.5 5.4 8.0#



#88

Benzo(a)pyrene

Concen: 4.162 ng/ul

RT: 24.29 min Scan# 3546

Delta R.T. 0.04 min

Lab File: BN000519.D

Acq: 21 Mar 2018 14:44

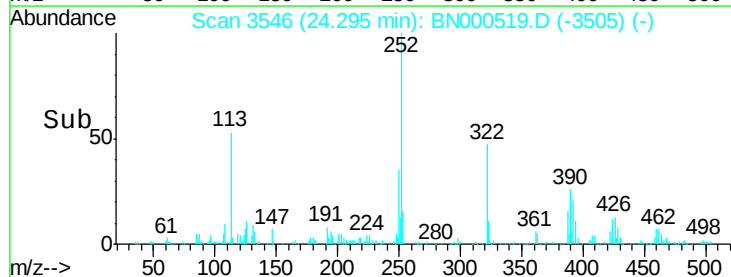
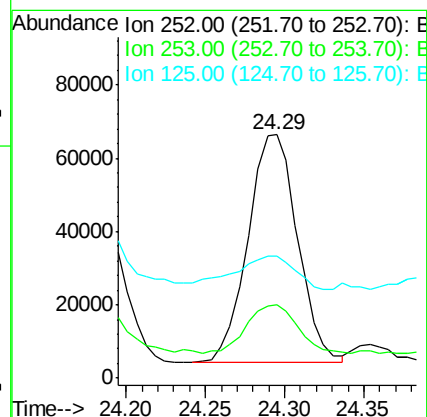
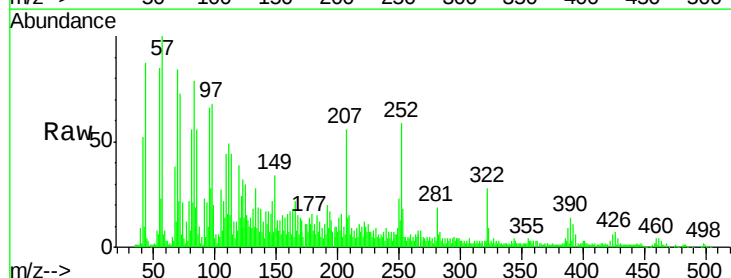
Tgt Ion:252 Resp: 135187

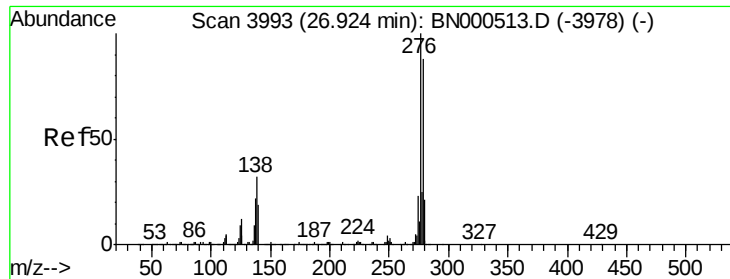
Ion Ratio Lower Upper

252 100

253 30.0 17.2 25.8#

125 49.9 5.8 8.6#



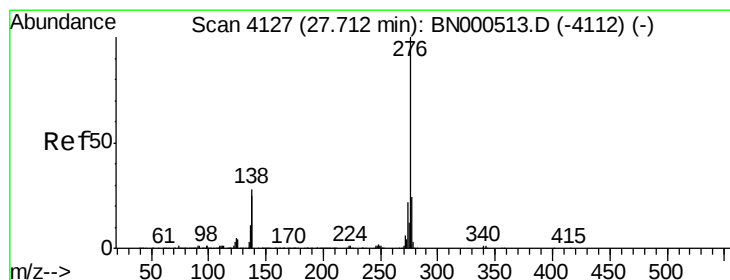
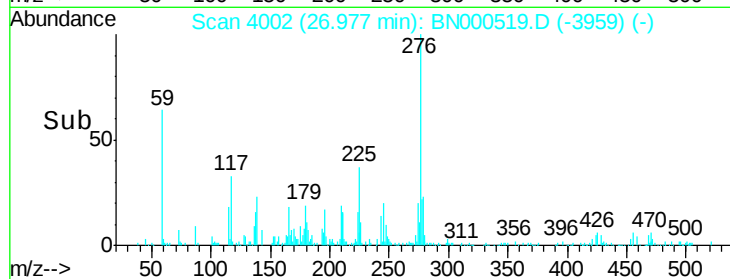
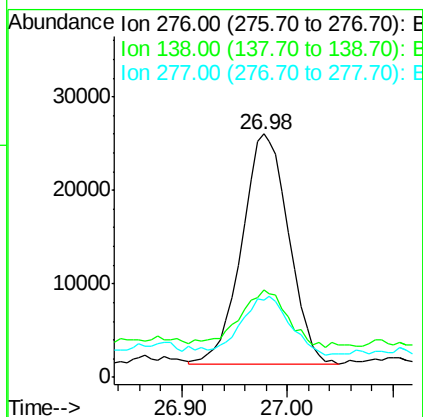
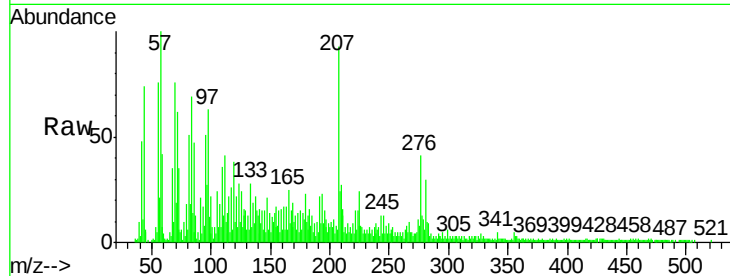


#89

Indeno(1,2,3-cd)pyrene
Concen: 2.145 ng/ul
RT: 26.98 min Scan# 4002
Delta R.T. 0.05 min
Lab File: BN000519.D
Acq: 21 Mar 2018 14:44

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 75131
Ion Ratio Lower Upper
276 100
138 35.9 10.9 16.3#
277 31.6 18.9 28.3#



#91

Benzo(g,h,i)perylene
Concen: 2.315 ng/ul
RT: 27.77 min Scan# 4136
Delta R.T. 0.05 min
Lab File: BN000519.D
Acq: 21 Mar 2018 14:44

Tgt Ion:276 Resp: 67386
Ion Ratio Lower Upper
276 100
138 33.5 11.2 16.8#
277 35.3 19.0 28.6#

