

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000523.D
 Acq On : 21 Mar 2018 17:01
 Operator : JU/SJ
 Sample : J1905-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 22 01:39:12 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	8.44	152	133412	20.00	ng/ul	0.02
18) Naphthalene-d8	11.29	136	336554	20.00	ng/ul	0.04
35) Acenaphthene-d10	15.07	164	272729	20.00	ng/ul	0.04
61) Phenanthrene-d10	17.79	188	33556	20.00	ng/ul	0.03
75) Chrysene-d12	21.91	240	419473	20.00	ng/ul	0.02
83) Perylene-d12	24.40	264	437020	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	19013	5.09	ng/uL	0.00
5) Phenol-d5	7.57	99	21139	1.70	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.74	67	250440	34.88	ng/ul	0.02
9) 2-Chlorophenol-d4	7.99	132	233062	24.76	ng/ul	0.05
13) 4-Methylphenol-d8	9.15	113	2917	0.30	ng/ul	0.03
19) Nitrobenzene-d5	9.63	128	155214	56.78	ng/ul	0.04
22) 2-Nitrophenol-d4	10.36	143	150165	53.03	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	10.87	165	451	0.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	374492	71.88	ng/ul	0.00
43) Dimethylphthalate-d6	14.46	166	720124	33.42	ng/ul	0.04
46) Acenaphthylene-d8	14.77	160	912525	32.10	ng/ul	0.04
51) 4-Nitrophenol-d4	15.28	143	122647	30.66	ng/ul	0.06
57) Fluorene-d10	16.08	176	602681	32.82	ng/ul	0.06
62) 4,6-Dinitro-2-methylphenol	16.15	200	12250	63.74	ng/ul	0.02
70) Anthracene-d10	17.87	188	5716	3.54	ng/ul	0.00
76) Pyrene-d10	20.16	212	699734	30.22	ng/ul	0.05
87) Benzo(a)pyrene-d12	24.24	264	363302	17.61	ng/ul	0.04

Target Compounds

					Ovalue	
4) Benzaldehyde	7.55	77	228210	44.971	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.80	93	24611	2.442	ng/ul#	1
11) 2-Methylphenol	8.94	108	25084	2.693	ng/ul#	1
12) 2,2'-oxybis(1-Chloropropan	9.00	45	35952	3.311	ng/ul#	1
14) Acetophenone	9.41	105	489971	33.998	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.20	70	255613	33.911	ng/ul#	46
17) Hexachloroethane	9.57	117	498747	124.403	ng/ul#	1
20) Nitrobenzene	9.65	77	68431	10.142	ng/ul#	41
21) Isophorone	10.21	82	1402180	109.011	ng/ul#	79
23) 2-Nitrophenol	10.37	139	28418	9.331	ng/ul#	1
24) 2,4-Dimethylphenol	10.48	107	146934	22.397	ng/ul#	58
25) Bis(2-Chloroethoxy)methane	10.63	93	486491	59.885	ng/ul#	70
27) 2,4-Dichlorophenol	10.91	162	12079	2.452	ng/ul#	1
28) Naphthalene	11.34	128	1555072	87.987	ng/ul#	95
30) 4-Chloroaniline	11.47	127	20655	3.906	ng/ul#	53
31) Hexachlorobutadiene	11.61	225	2756	1.010	ng/ul#	86
32) Caprolactam	12.15	113	67794	37.644	ng/ul#	1
33) 4-Chloro-3-methylphenol	12.55	107	26733	4.616	ng/ul#	35
34) 2-Methylnaphthalene	12.94	142	2857024	242.127	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	13.29	216	9864	1.204	ng/ul#	1
38) 2,4,6-Trichlorophenol	13.55	196	195318	35.143	ng/ul	99
39) 2,4,5-Trichlorophenol	13.55	196	205072	35.387	ng/ul	98
40) 1,1'-Biphenyl	13.91	154	324967	13.997	ng/ul#	78

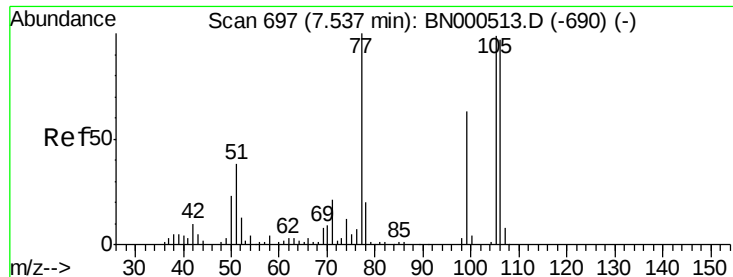
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2-Nitroaniline	14.12	65	53802	9.922	ng/ul#	11
44) Dimethylphthalate	14.48	163	26189	1.229	ng/ul#	1
45) 2,6-Dinitrotoluene	14.67	165	54433	12.674	ng/ul#	82
47) Acenaphthylene	14.80	152	78364	2.814	ng/ul#	1
49) Acenaphthene	15.14	153	174782	9.206	ng/ul#	78
50) 2,4-Dinitrophenol	15.18	184	29909	14.761	ng/ul#	1
52) 4-Nitrophenol	15.24	109	189852	61.405	ng/ul#	12
53) Dibenzofuran	15.62	168	183835	7.129	ng/ul	94
54) 2,4-Dinitrotoluene	15.41	165	20195	3.317	ng/ul#	69
55) 2,3,4,6-Tetrachlorophenol	15.73	232	4514705	1020.205	ng/ul#	74
58) Fluorene	16.13	166	253906	12.390	ng/ul#	69
60) 4-Nitroaniline	16.15	138	82563	17.723	ng/ul#	75
63) 4,6-Dinitro-2-methylphenol	16.15	198	6186	30.490	ng/ul#	1
64) N-Nitrosodiphenylamine	16.28	169	338720	306.407	ng/ul#	81
65) 4-Bromophenyl-phenylether	16.97	248	804	2.351	ng/ul#	1
66) Hexachlorobenzene	17.11	284	10450	28.935	ng/ul#	1
67) Atrazine	17.30	200	688	2.064	ng/ul#	1
68) Pentachlorophenol	17.50	266	6593711	34583.054	ng/ul	97
69) Phenanthrene	17.82	178	64461	33.345	ng/ul#	1
71) Anthracene	17.97	178	718667	362.559	ng/ul#	82
72) Carbazole	18.20	167	9722	5.719	ng/ul#	1
73) Di-n-butylphthalate	18.72	149	28036	12.128	ng/ul#	1
74) Fluoranthene	19.83	202	197949	103.046	ng/ul#	60
77) Pyrene	20.18	202	227802	7.435	ng/ul#	65
79) 3,3'-Dichlorobenzidine	21.82	252	11507	1.404	ng/ul#	40
80) Benzo(a)anthracene	21.89	228	34192	1.223	ng/ul#	47
81) Bis(2-ethylhexyl)phthalate	21.76	149	603840	27.330	ng/ul	98
82) Chrysene	21.94	228	38419	1.466	ng/ul#	50
84) Di-n-octyl phthalate	22.72	149	483102	13.133	ng/ul	100
85) Benzo(b)fluoranthene	23.64	252	28302	1.025	ng/ul#	1

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



#4

Benzaldehyde

Concen: 44.971 ng/ul

RT: 7.55 min Scan# 700

Delta R.T. 0.02 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

ClientSampleId :

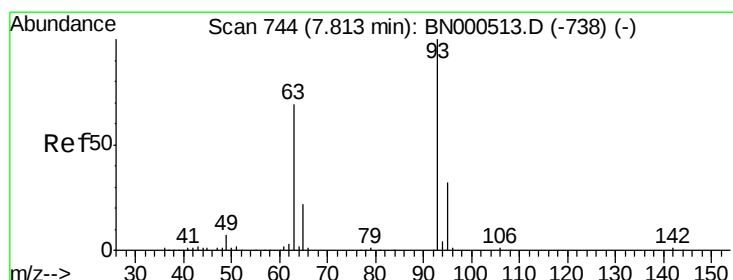
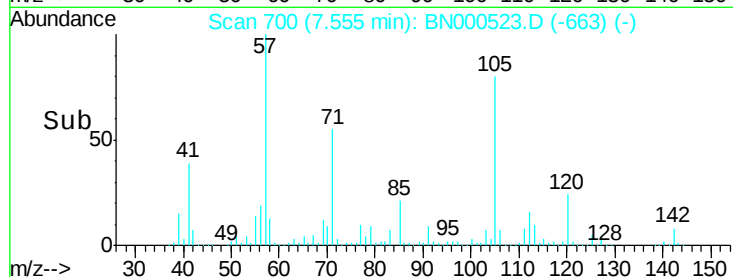
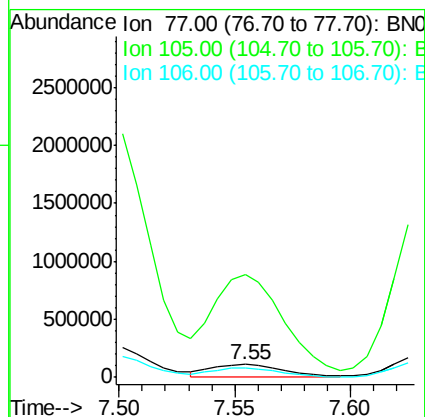
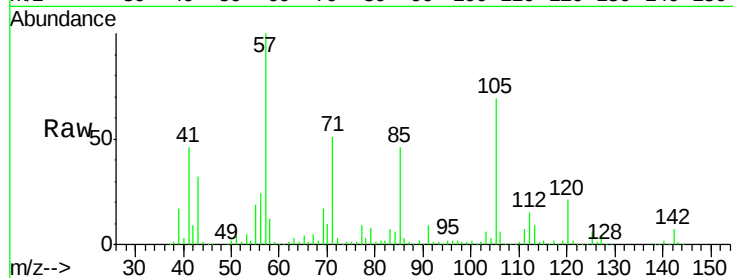
Tot Ion: 77 Resp: 228210

Ion Ratio Lower Upper

77 100

105 793.6 71.0 106.6#

106 72.2 69.5 104.3



#8

Bis(2-Chloroethyl)ether

Concen: 2.442 ng/ul

RT: 7.80 min Scan# 742

Delta R.T. -0.01 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

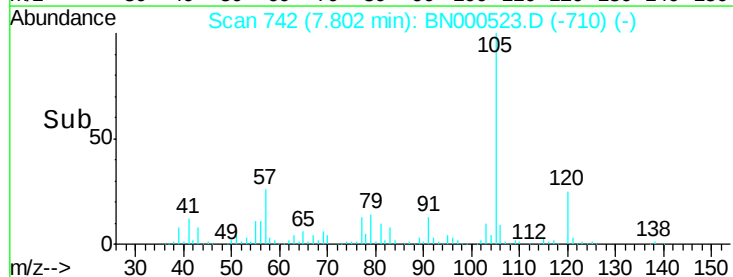
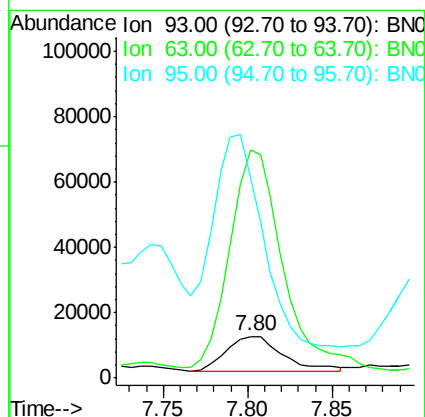
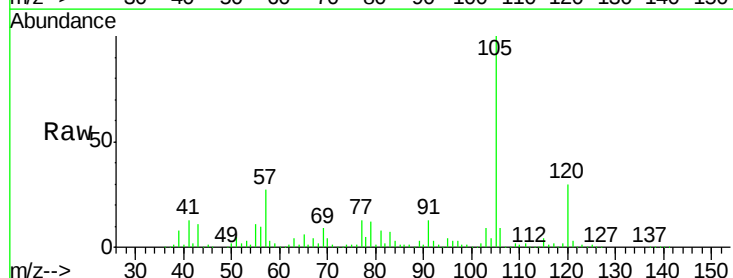
Tgt Ion: 93 Resp: 24611

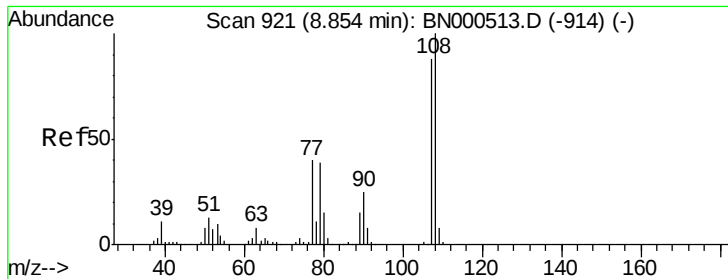
Ion Ratio Lower Upper

93 100

63 545.7 59.4 89.2#

95 479.9 26.4 39.6#





#11

2-Methylphenol

Concen: 2.693 ng/ul

RT: 8.94 min Scan# 936

Delta R.T. 0.09 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

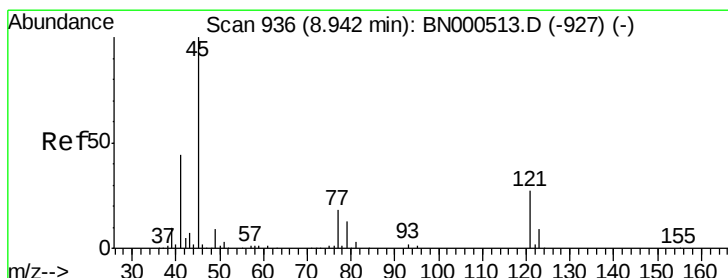
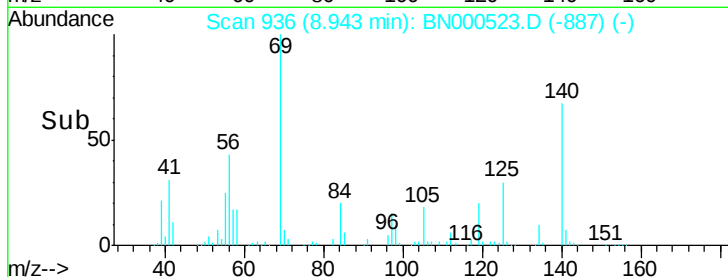
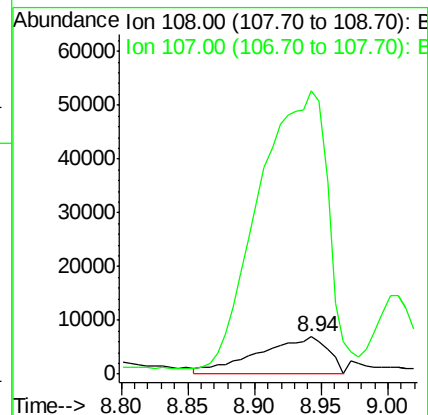
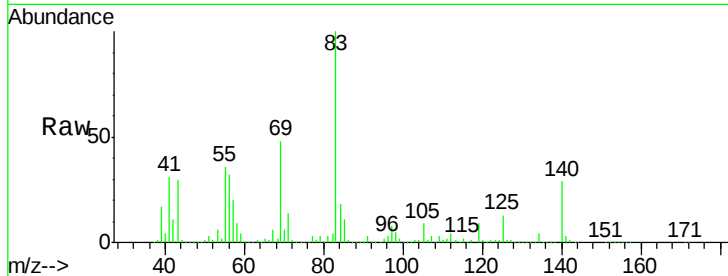
ClientSampleId :

Tot Ion:108 Resp: 25084

Ion Ratio Lower Upper

108 100

107 762.4 74.1 111.1#



#12

2,2'-oxybis(1-Chloropropane)

Concen: 3.311 ng/ul

RT: 9.00 min Scan# 945

Delta R.T. 0.05 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

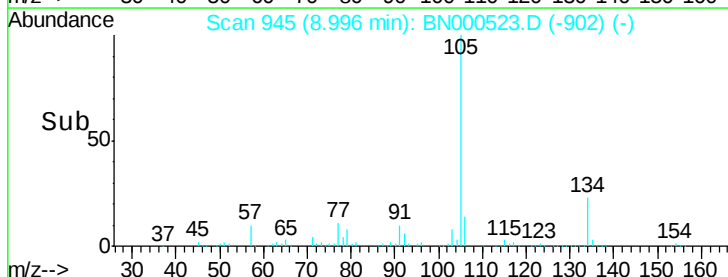
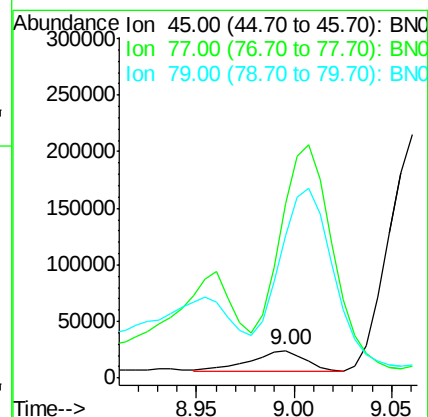
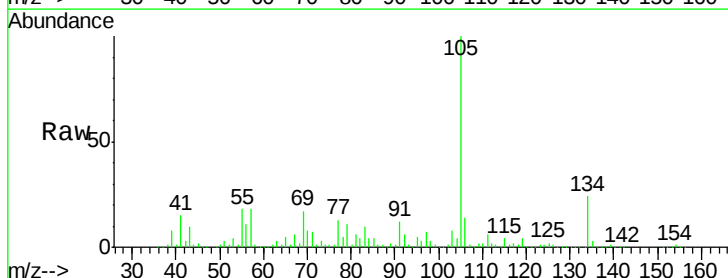
Tgt Ion: 45 Resp: 35952

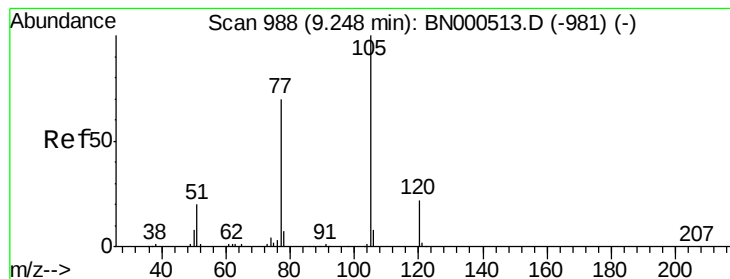
Ion Ratio Lower Upper

45 100

77 629.4 12.5 18.7#

79 514.7 9.4 14.2#





#14

Acetophenone

Concen: 33.998 ng/ul

RT: 9.41 min Scan# 1015

Delta R.T. 0.16 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

ClientSampleId :

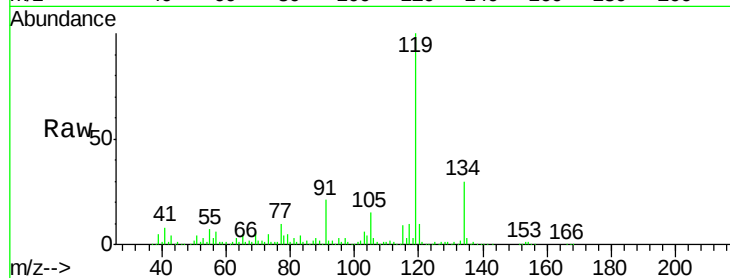
Tot Ion:105 Resp: 489971

Ion Ratio Lower Upper

105 100

77 68.7 63.2 94.8

51 27.3 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

300000

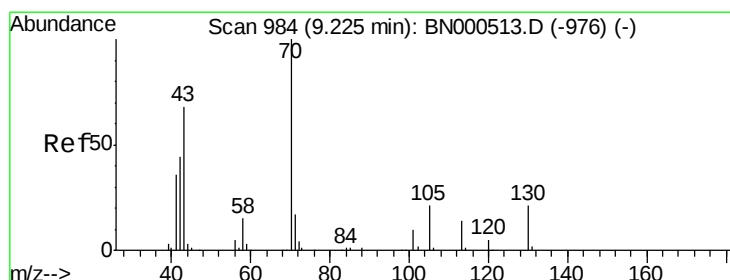
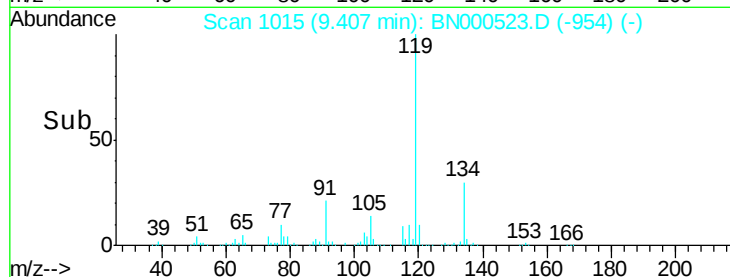
200000

100000

0

9.35 9.40 9.45

Time-->



#15

N-Nitroso-di-n-propylamine

Concen: 33.911 ng/ul

RT: 9.20 min Scan# 980

Delta R.T. -0.02 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Tgt Ion: 70 Resp: 255613

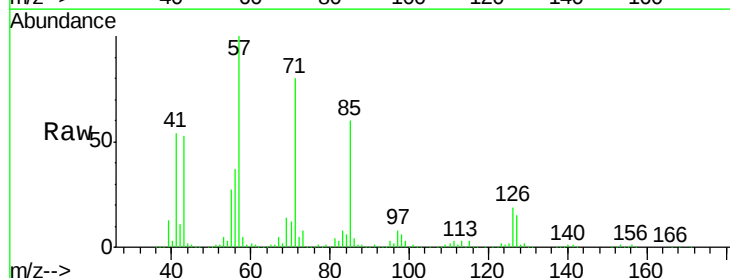
Ion Ratio Lower Upper

70 100

42 96.0 40.2 60.4#

101 4.7 7.7 11.5#

130 1.7 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

250000

200000

150000

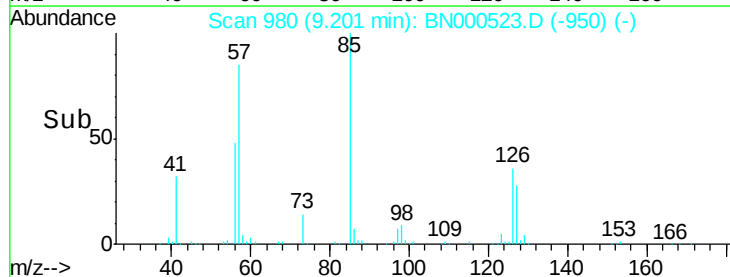
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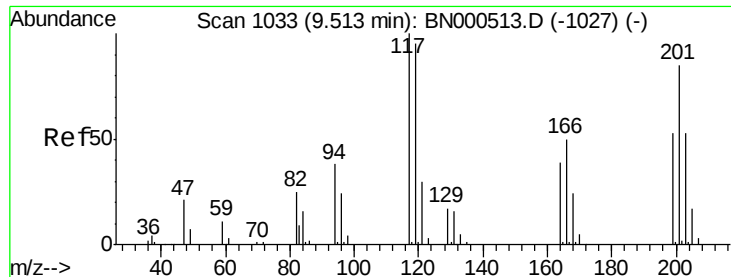
50000

0

9.15 9.20 9.25

Time-->

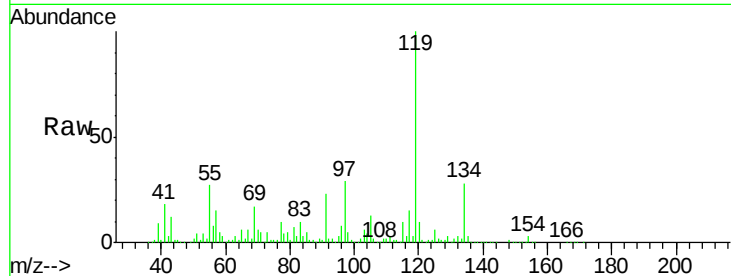




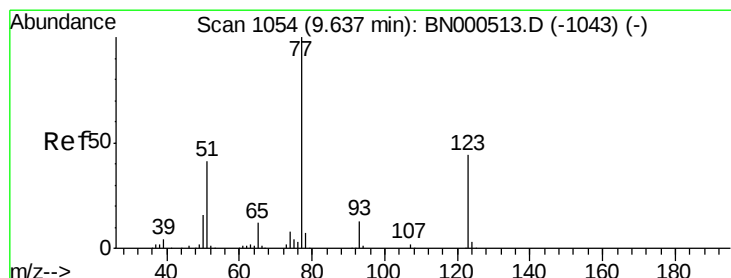
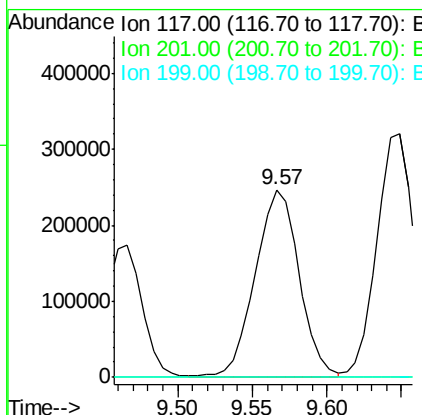
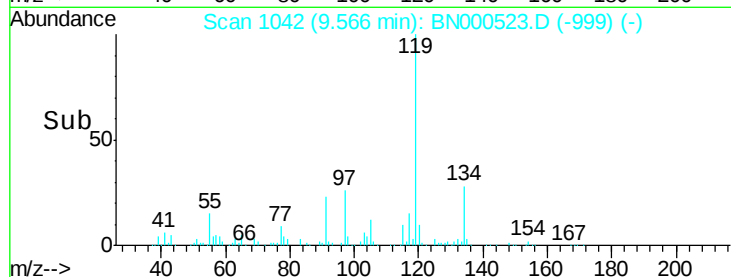
#17
Hexachloroethane
Concen: 124.403 ng/ul
RT: 9.57 min Scan# 1042
Delta R.T. 0.05 min
Lab File: BN000523.D
Acq: 21 Mar 2018 17:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion:117 Resp: 498747
Ion Ratio Lower Upper
117 100
201 0.0 96.1 144.1#
199 0.0 59.7 89.5#

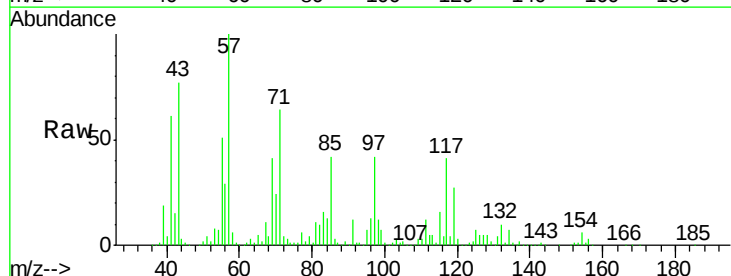


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

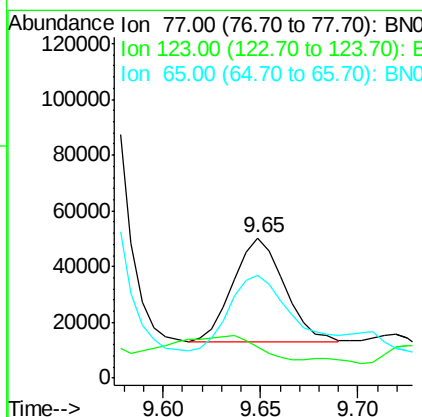
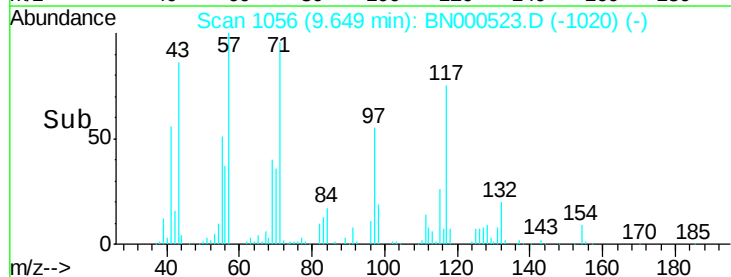


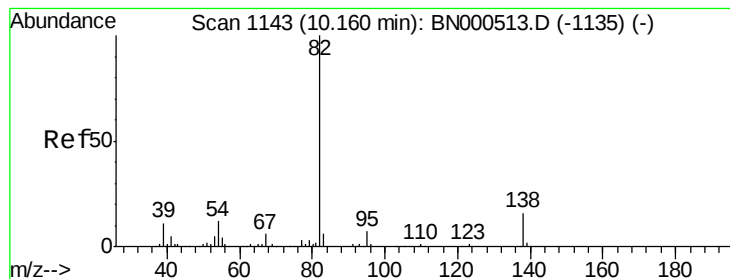
#20
Nitrobenzene
Concen: 10.142 ng/ul
RT: 9.65 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BN000523.D
Acq: 21 Mar 2018 17:01

Tgt Ion: 77 Resp: 68431
Ion Ratio Lower Upper
77 100
123 21.9 31.8 47.8#
65 73.1 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: 109.011 ng/ul

RT: 10.21 min Scan# 1151

Delta R.T. 0.05 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

ClientSampled :

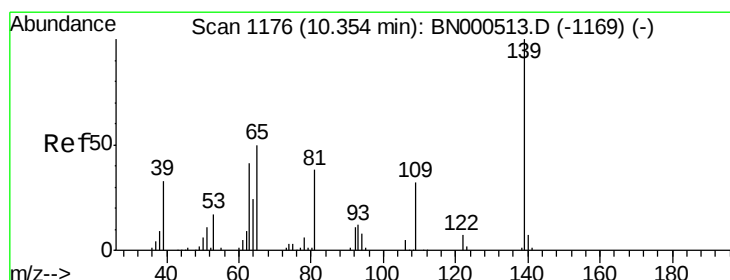
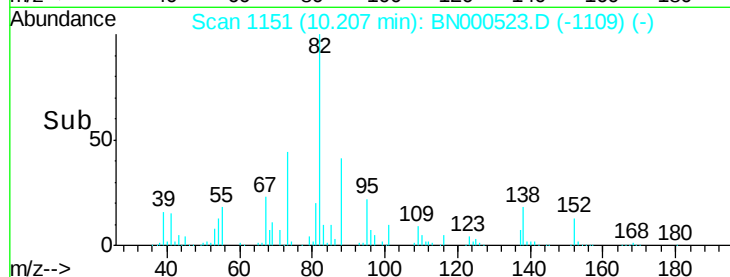
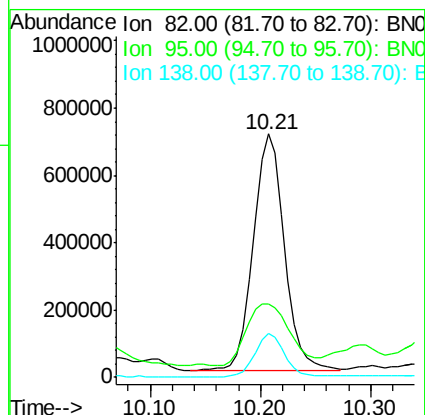
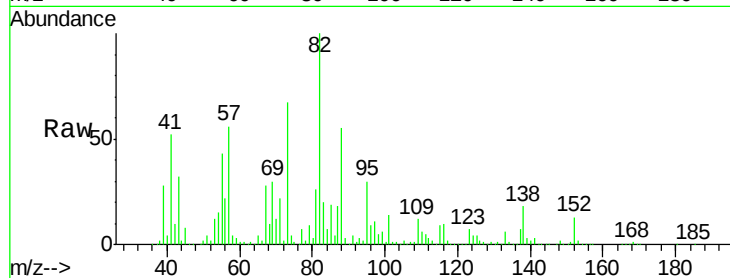
Tot Ion: 82 Resp: 1402180

Ion Ratio Lower Upper

82 100

95 30.1 6.1 9.1#

138 17.9 13.5 20.3



#23

2-Nitrophenol

Concen: 9.331 ng/ul

RT: 10.37 min Scan# 1179

Delta R.T. 0.02 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

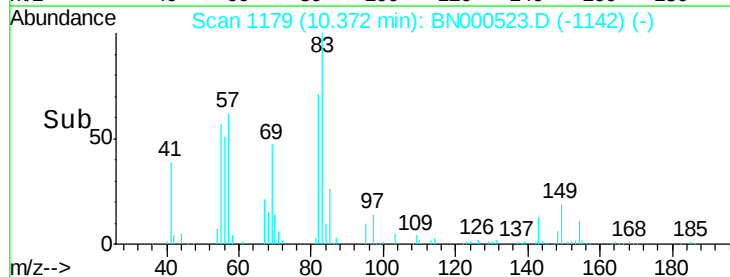
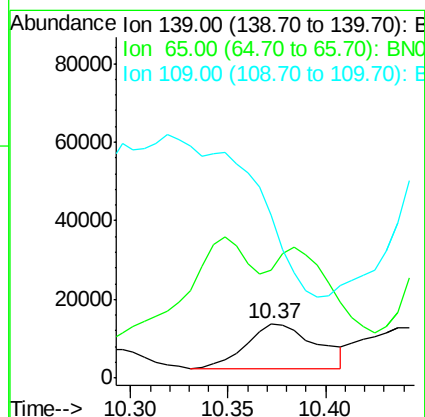
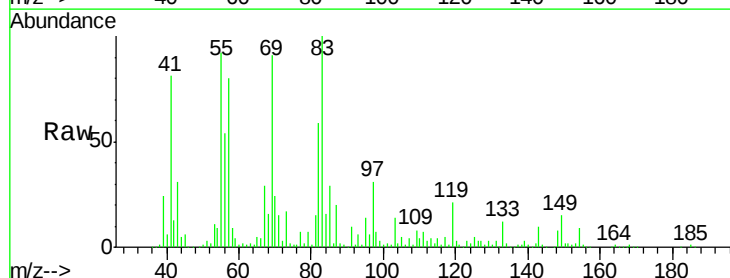
Tgt Ion:139 Resp: 28418

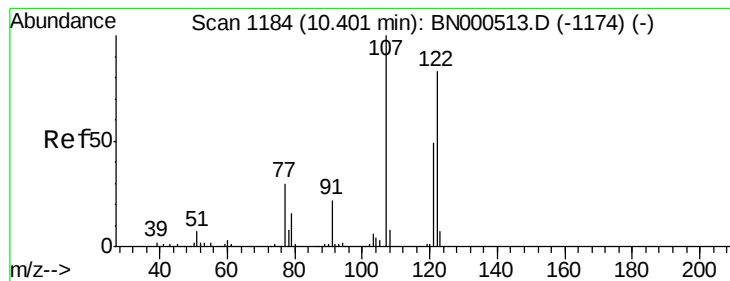
Ion Ratio Lower Upper

139 100

65 198.6 45.3 67.9#

109 299.8 27.7 41.5#





#24

2,4-Dimethylphenol

Concen: 22.397 ng/ul

RT: 10.48 min Scan# 1198

Delta R.T. 0.08 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

ClientSampleId :

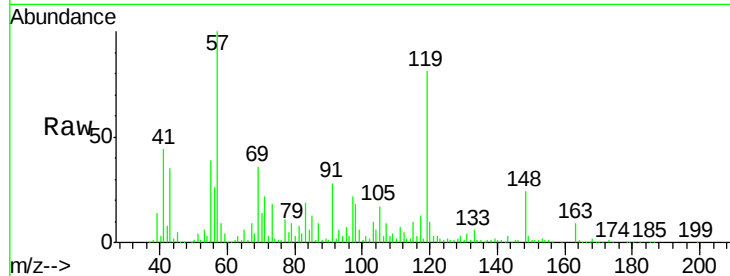
Tot Ion:107 Resp: 146934

Ion Ratio Lower Upper

107 100

121 35.0 38.1 57.1#

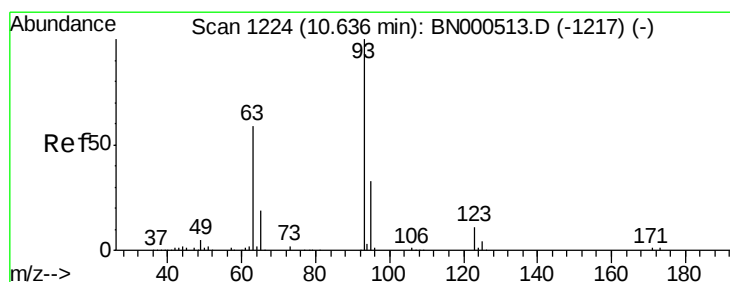
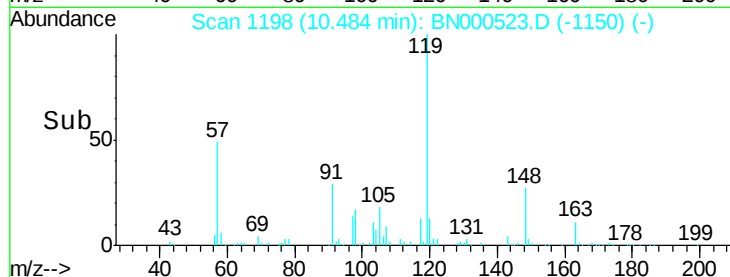
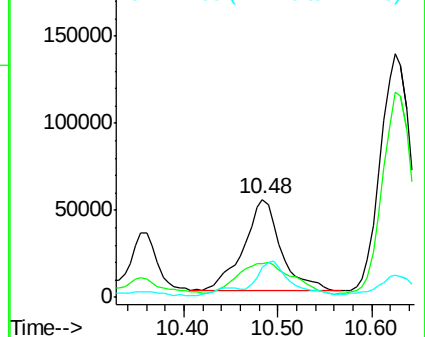
122 30.2 63.8 95.8#



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: 59.885 ng/ul

RT: 10.63 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

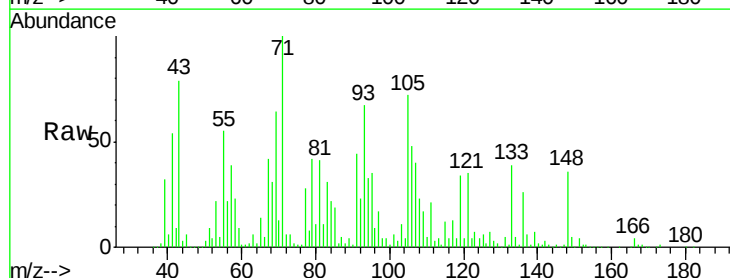
Tgt Ion: 93 Resp: 486491

Ion Ratio Lower Upper

93 100

95 52.8 24.7 37.1#

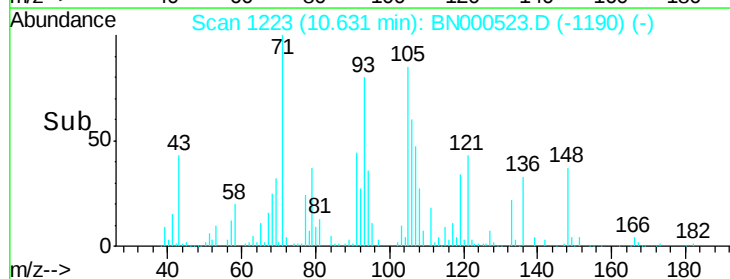
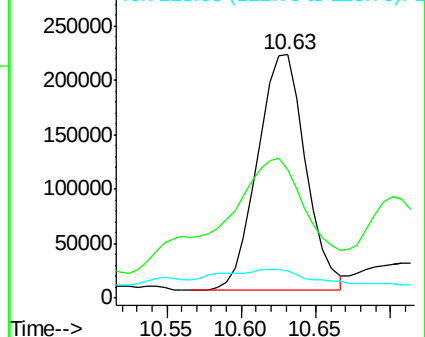
123 11.0 8.2 12.2

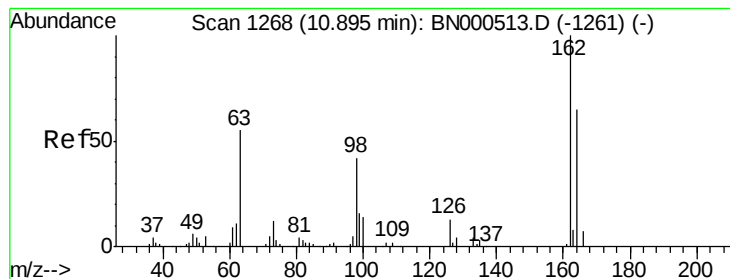


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 2.452 ng/ul

RT: 10.91 min Scan# 1271

Delta R.T. 0.02 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

ClientSampled :

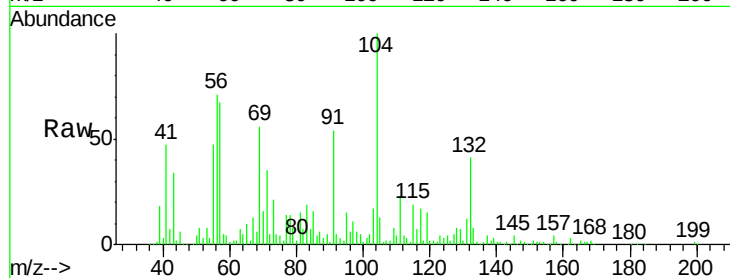
Tot Ion:162 Resp: 12079

Ion Ratio Lower Upper

162 100

164 6.8 52.0 78.0#

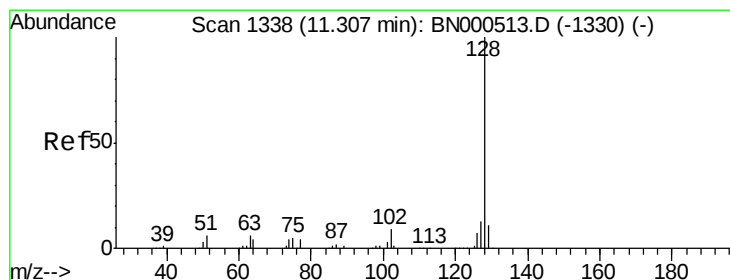
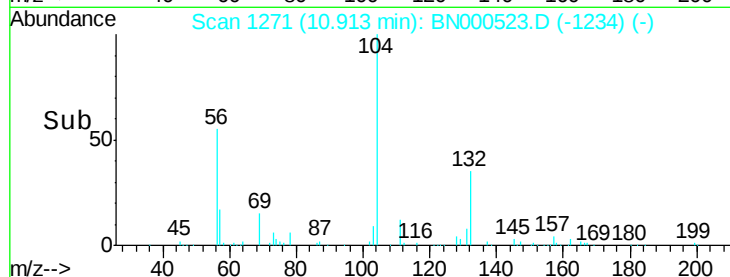
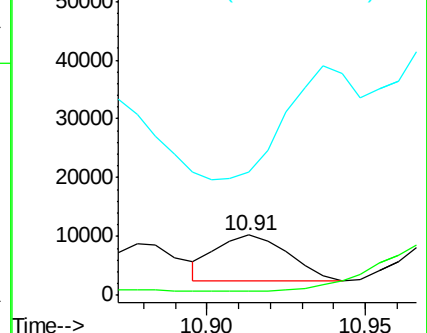
98 204.7 26.6 39.8#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#28

Naphthalene

Concen: 87.987 ng/ul

RT: 11.34 min Scan# 1344

Delta R.T. 0.04 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

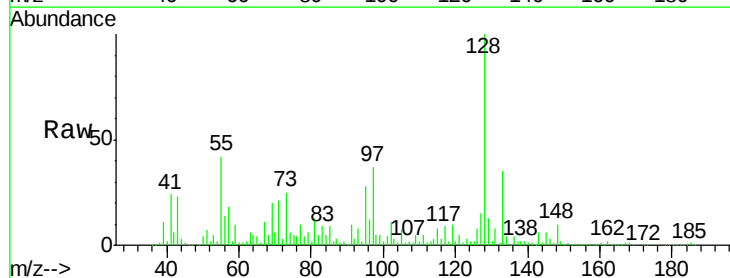
Tgt Ion:128 Resp: 1555072

Ion Ratio Lower Upper

128 100

129 13.0 8.3 12.5#

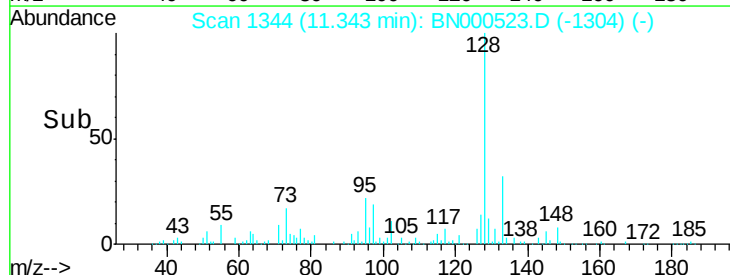
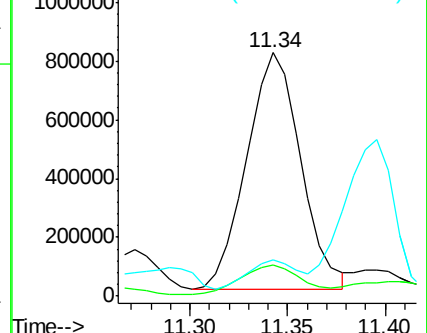
127 14.9 10.8 16.2

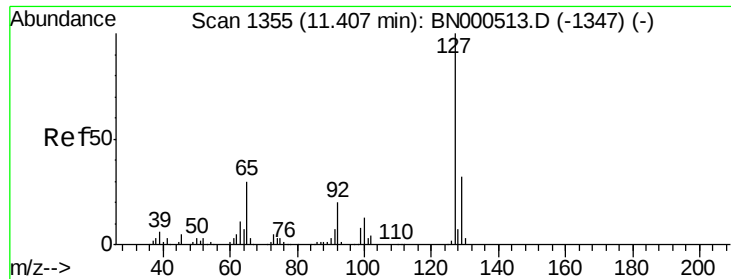


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

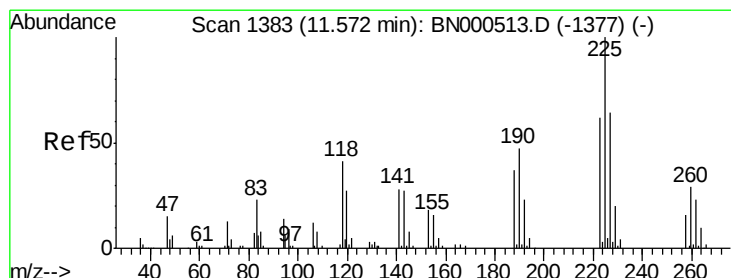
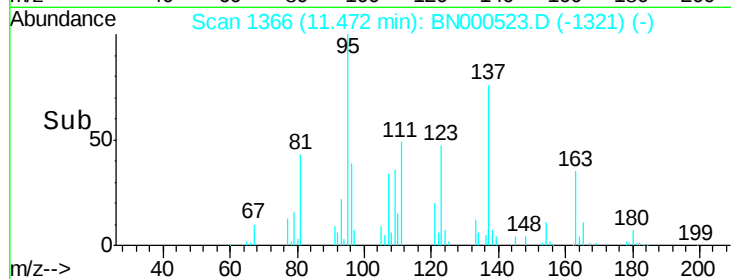
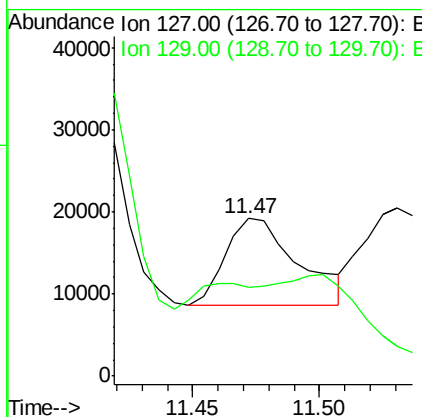
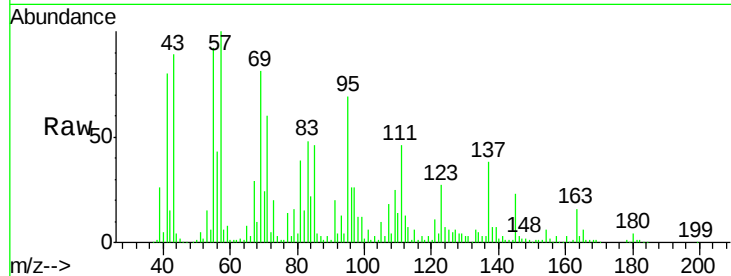




#30
4-Chloroaniline
Concen: 3.906 ng/ul
RT: 11.47 min Scan# 1366
Delta R.T. 0.06 min
Lab File: BN000523.D
Acq: 21 Mar 2018 17:01

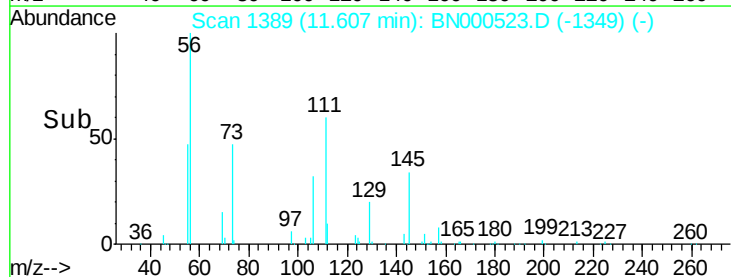
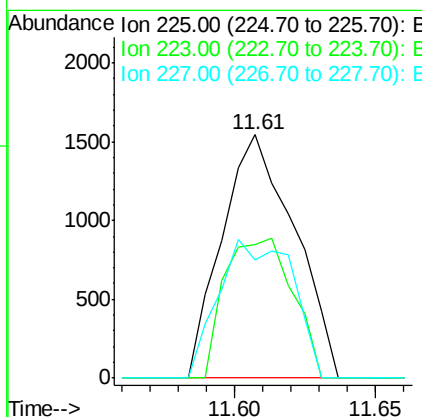
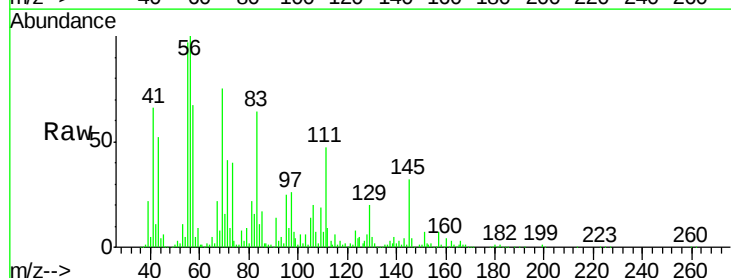
Instrument :
BNA_N
ClientSampled :

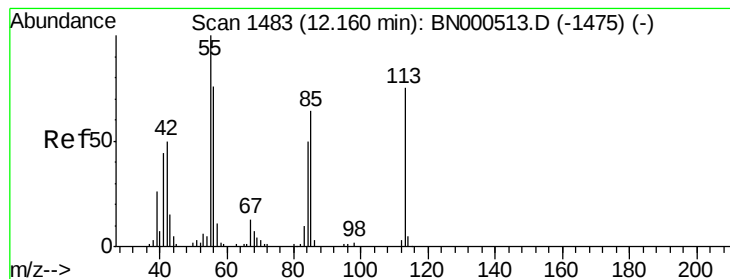
Tot Ion:127 Resp: 20655
Ion Ratio Lower Upper
127 100
129 56.3 24.6 37.0#



#31
Hexachlorobutadiene
Concen: 1.010 ng/ul
RT: 11.61 min Scan# 1389
Delta R.T. 0.04 min
Lab File: BN000523.D
Acq: 21 Mar 2018 17:01

Tgt Ion:225 Resp: 2756
Ion Ratio Lower Upper
225 100
223 54.9 48.1 72.1
227 48.5 52.1 78.1#





#32

Caprolactam

Concen: 37.644 ng/ul

RT: 12.15 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

ClientSampled :

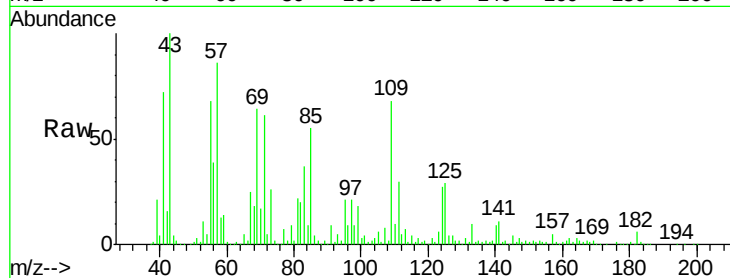
Tot Ion:113 Resp: 67794

Ion Ratio Lower Upper

113 100

55 924.4 131.7 197.5#

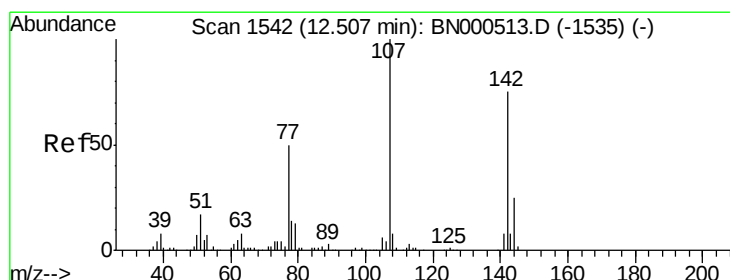
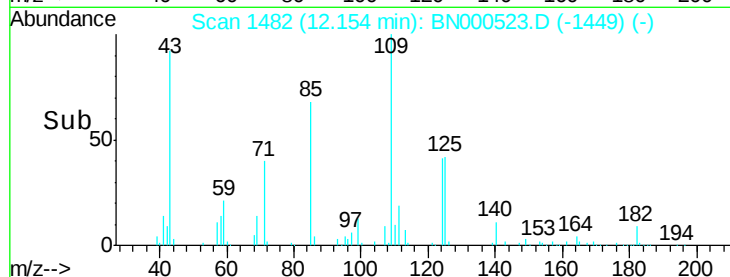
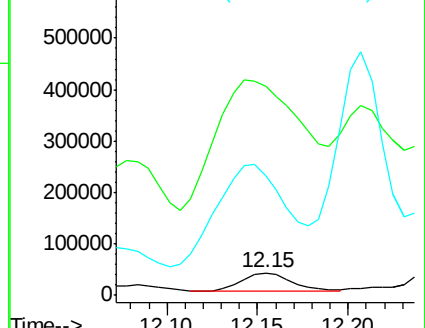
56 530.4 92.7 139.1#



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: 4.616 ng/ul

RT: 12.55 min Scan# 1550

Delta R.T. 0.05 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

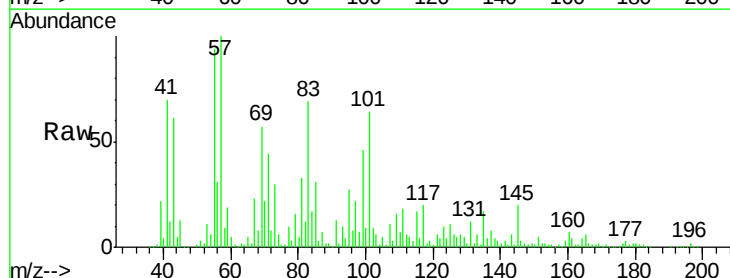
Tgt Ion:107 Resp: 26733

Ion Ratio Lower Upper

107 100

144 12.3 21.1 31.7#

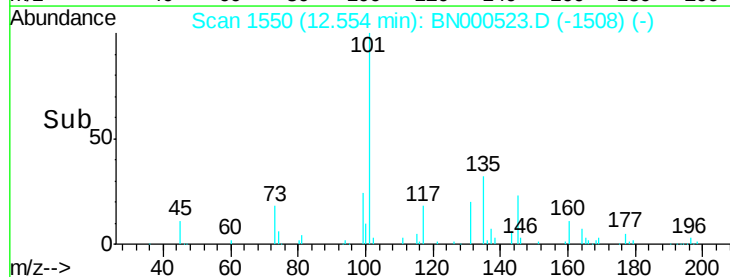
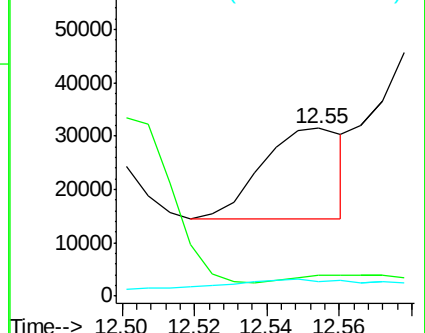
142 8.5 60.1 90.1#

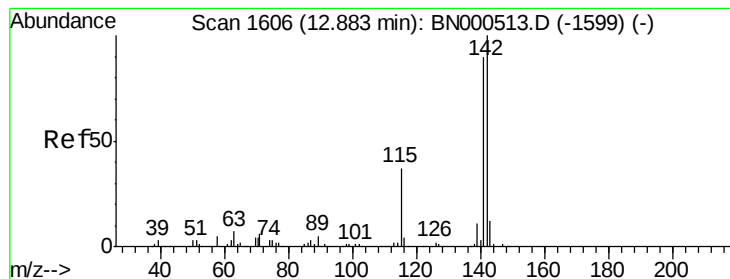


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 242.127 ng/ul

RT: 12.94 min Scan# 1615

Delta R.T. 0.05 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

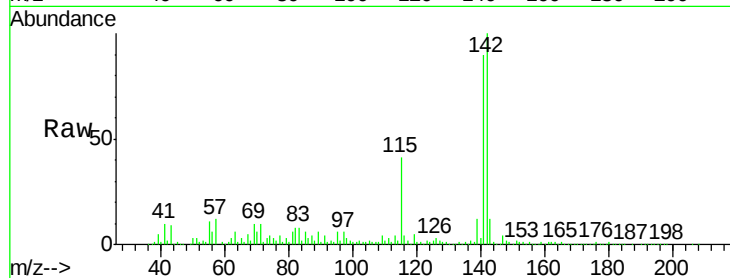
ClientSampleId :

Tot Ion:142 Resp: 2857024

Ion Ratio Lower Upper

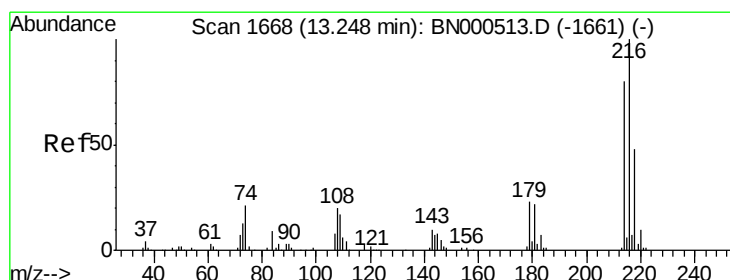
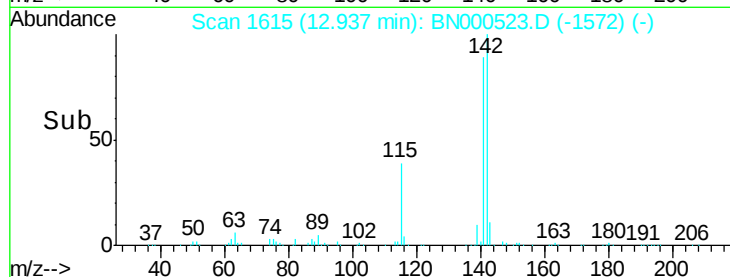
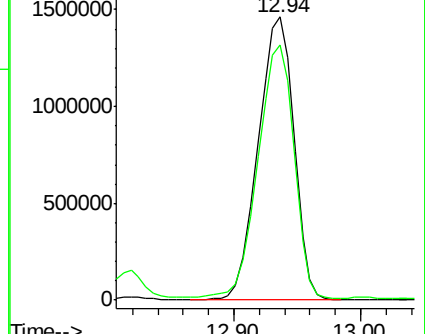
142 100

141 90.2 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 1.204 ng/ul

RT: 13.29 min Scan# 1675

Delta R.T. 0.04 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Tgt Ion:216 Resp: 9864

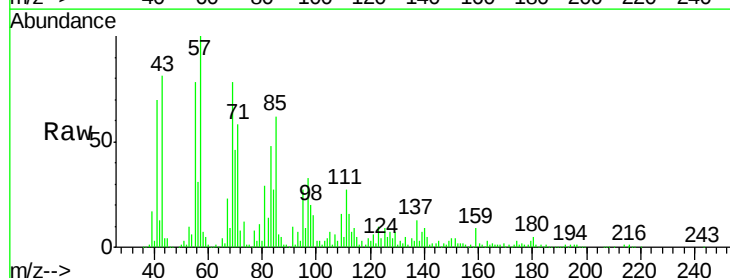
Ion Ratio Lower Upper

216 100

214 75.2 64.1 96.1

179 400.7 14.5 21.7#

108 348.1 10.4 15.6#

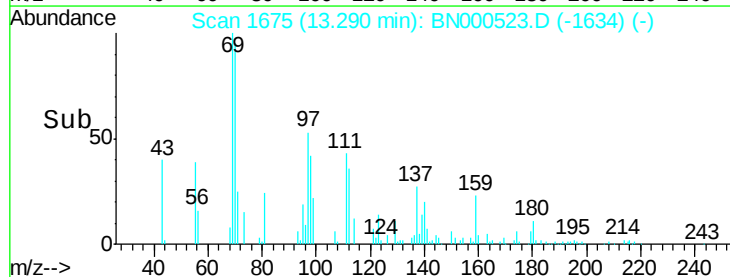
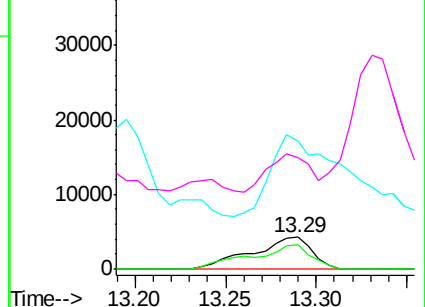


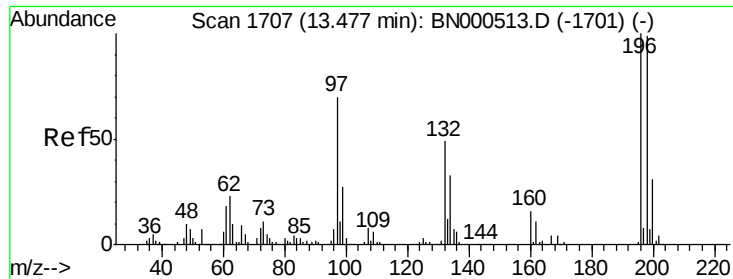
Abundance Ion 216.00 (215.70 to 216.70): E

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

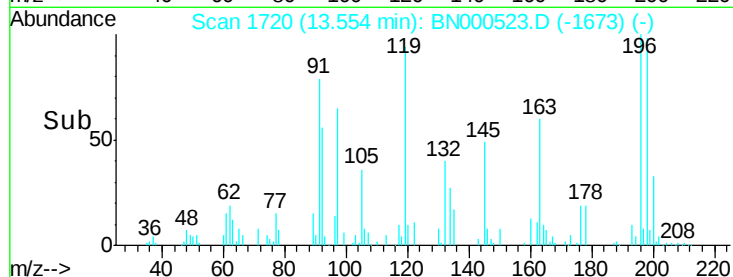
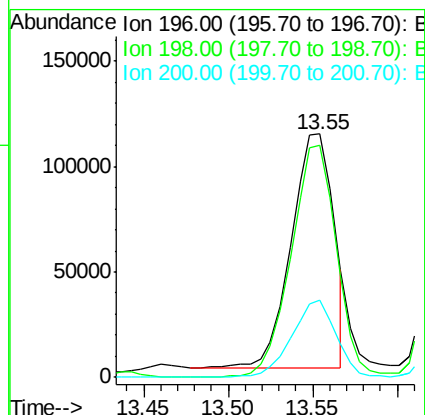
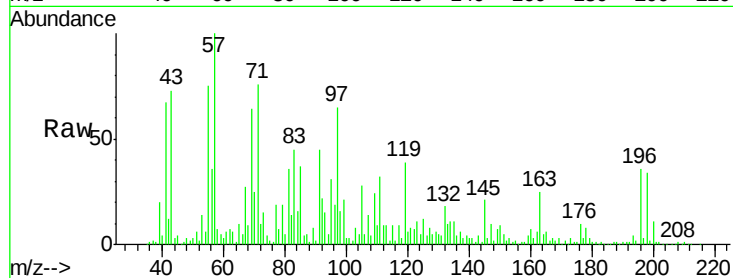




#38
 2,4,6-Trichlorophenol
 Concen: 35.143 ng/ul
 RT: 13.55 min Scan# 1720
 Delta R.T. 0.08 min
 Lab File: BN000523.D
 Acq: 21 Mar 2018 17:01

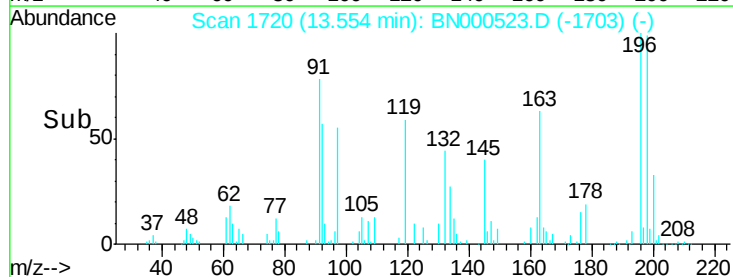
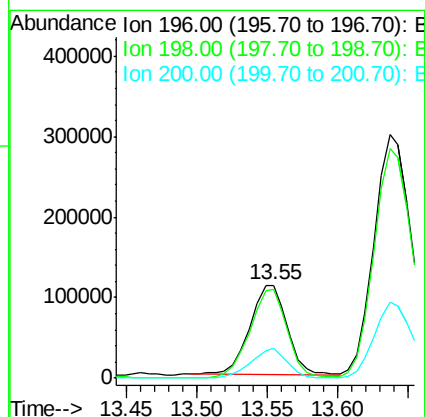
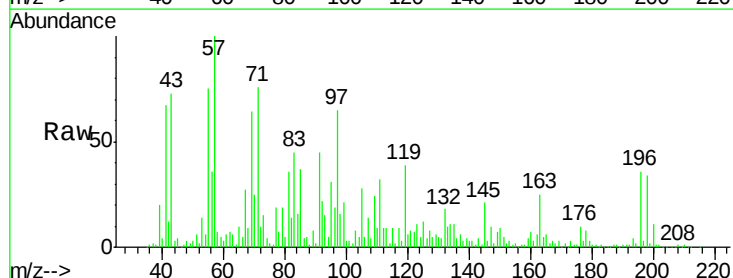
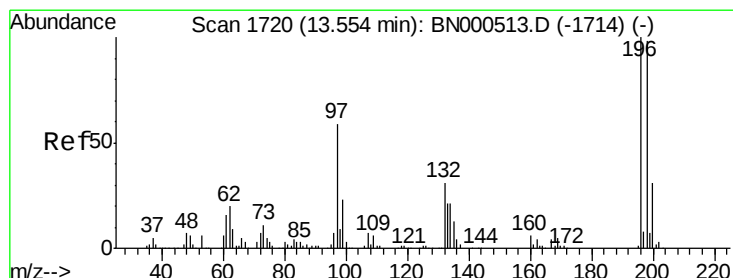
Instrument :
 BNA_N
 ClientSampleId :

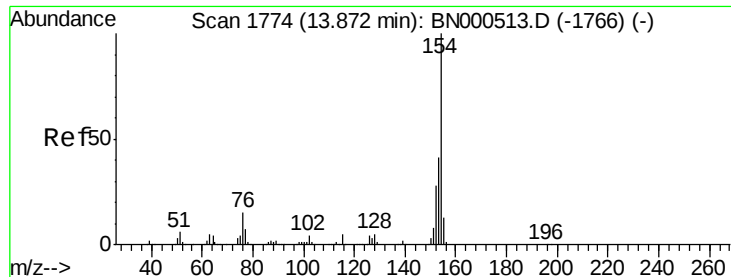
Tot Ion:196 Resp: 195318
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.9 113.9
 200 31.5 25.8 38.6



#39
 2,4,5-Trichlorophenol
 Concen: 35.387 ng/ul
 RT: 13.55 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BN000523.D
 Acq: 21 Mar 2018 17:01

Tgt Ion:196 Resp: 205072
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.7 112.1
 200 31.5 25.4 38.0





#40

1,1'-Biphenyl

Concen: 13.997 ng/ul

RT: 13.91 min Scan# 1780

Delta R.T. 0.04 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

ClientSampled :

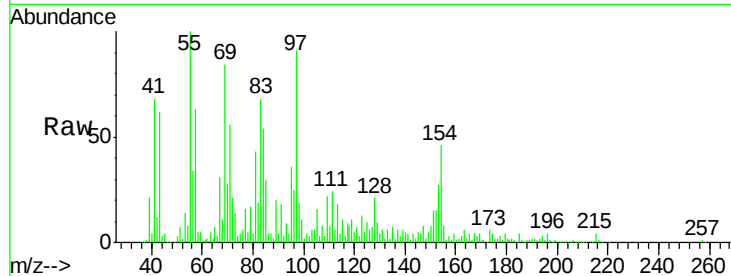
Tot Ion:154 Resp: 324967

Ion Ratio Lower Upper

154 100

153 58.9 34.0 51.0#

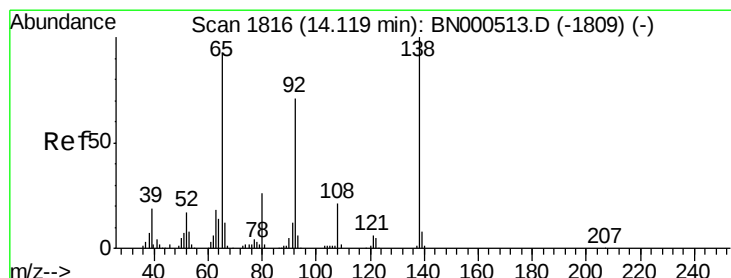
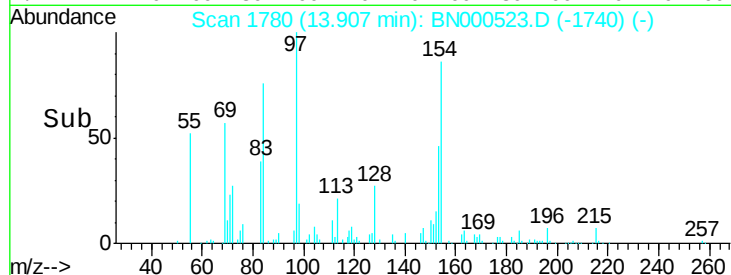
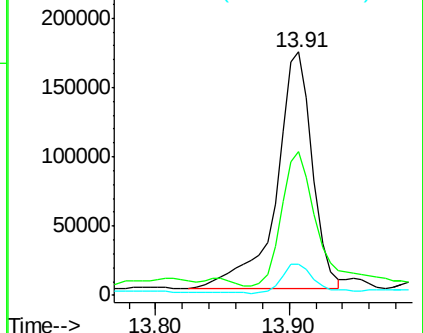
76 13.0 8.4 12.6#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#42

2-Nitroaniline

Concen: 9.922 ng/ul

RT: 14.12 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

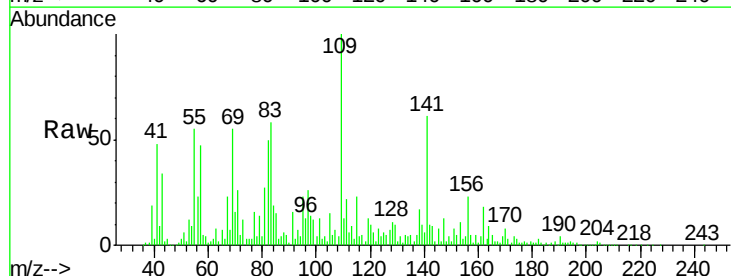
Tgt Ion: 65 Resp: 53802

Ion Ratio Lower Upper

65 100

92 38.1 57.0 85.4#

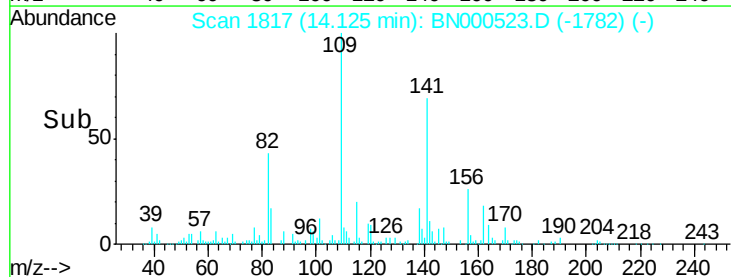
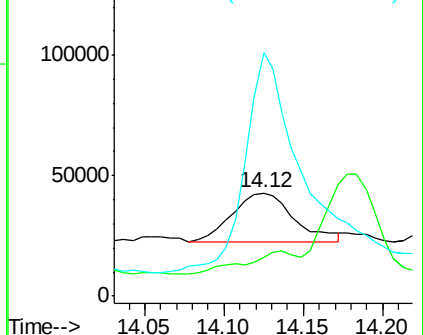
138 235.4 87.2 130.8#

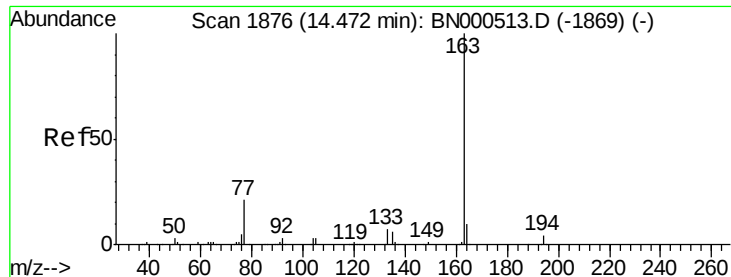


Abundance Ion 65.00 (64.70 to 65.70): BNC

Ion 92.00 (91.70 to 92.70): BNC

Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 1.229 ng/ul

RT: 14.48 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

ClientSampled :

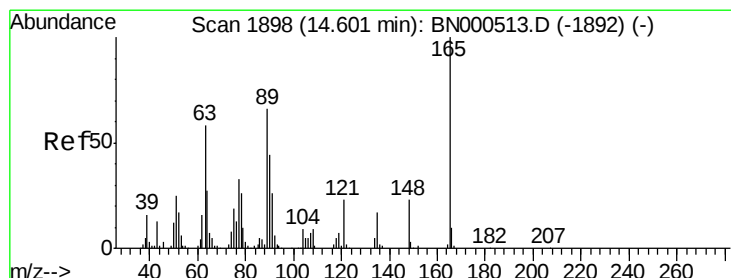
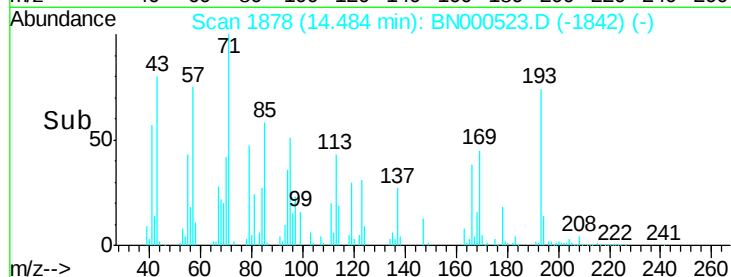
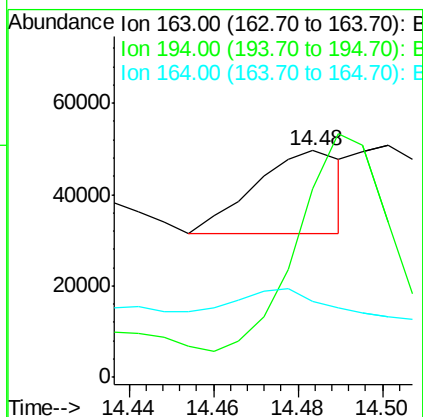
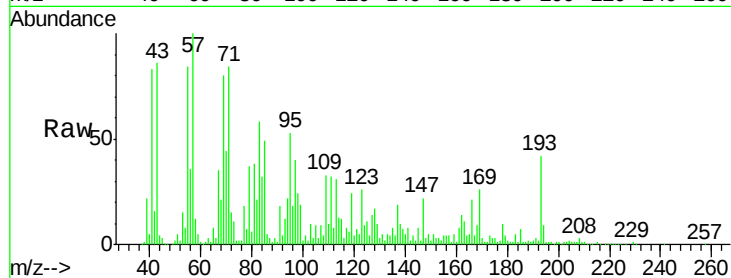
Tot Ion:163 Resp: 26189

Ion Ratio Lower Upper

163 100

194 83.4 4.0 6.0#

164 33.7 8.4 12.6#



#45

2,6-Dinitrotoluene

Concen: 12.674 ng/ul

RT: 14.67 min Scan# 1910

Delta R.T. 0.07 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

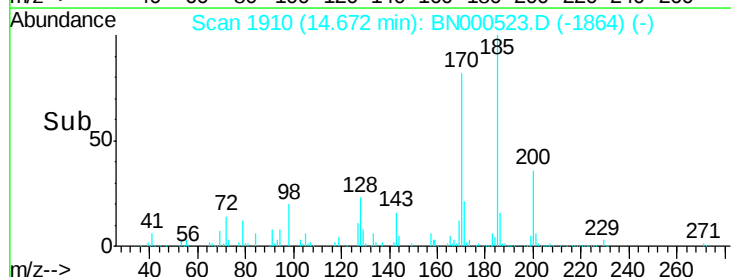
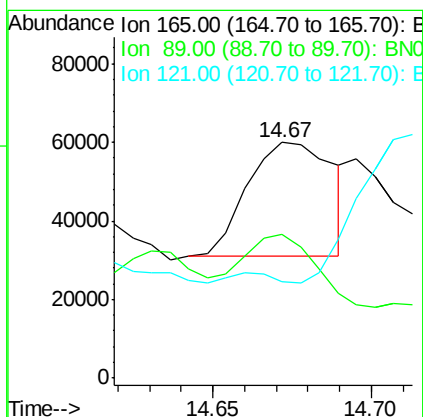
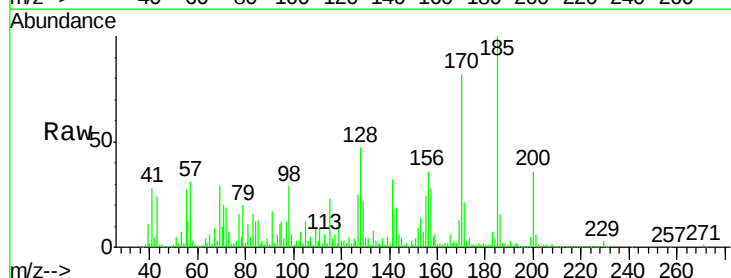
Tgt Ion:165 Resp: 54433

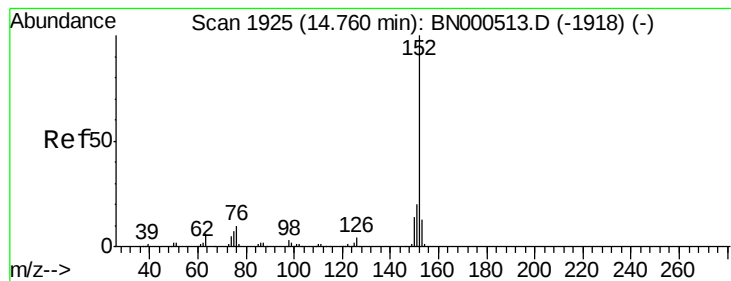
Ion Ratio Lower Upper

165 100

89 61.2 43.8 65.8

121 40.8 17.8 26.6#





#47

Acenaphthylene

Concen: 2.814 ng/ul

RT: 14.80 min Scan# 1931

Delta R.T. 0.04 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

ClientSampleId :

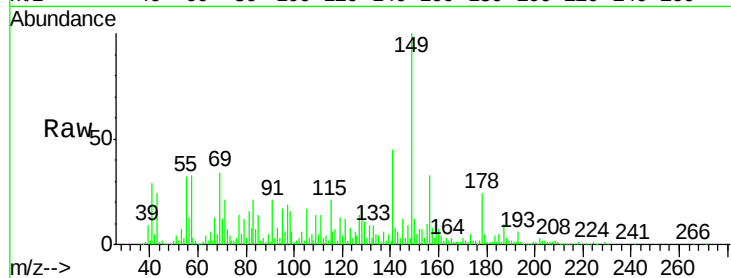
Tot Ion:152 Resp: 78364

Ion Ratio Lower Upper

152 100

151 71.2 16.1 24.1#

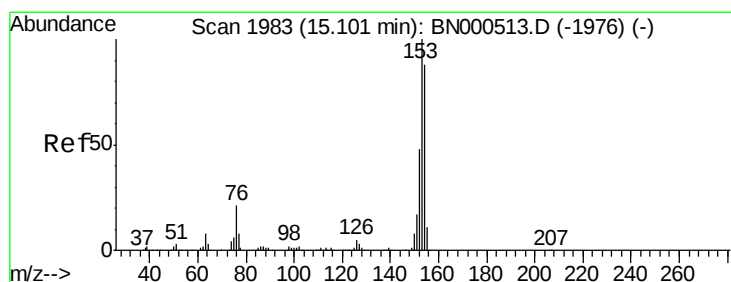
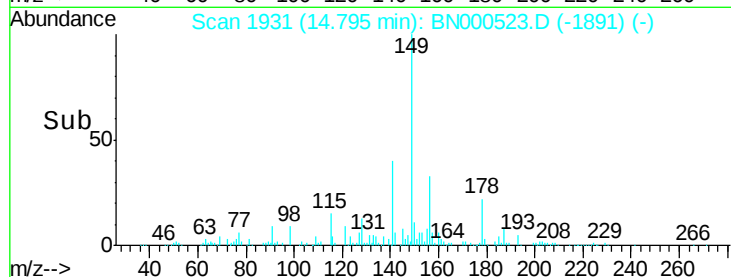
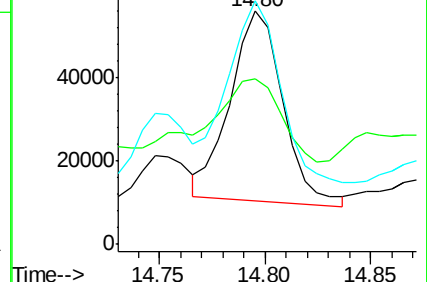
153 104.5 10.8 16.2#



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



#49

Acenaphthene

Concen: 9.206 ng/ul

RT: 15.14 min Scan# 1989

Delta R.T. 0.04 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

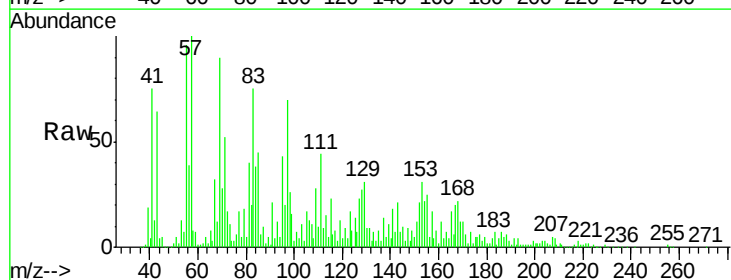
Tgt Ion:153 Resp: 174782

Ion Ratio Lower Upper

153 100

152 67.7 37.9 56.9#

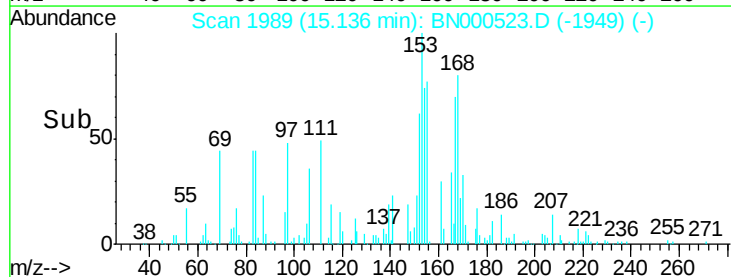
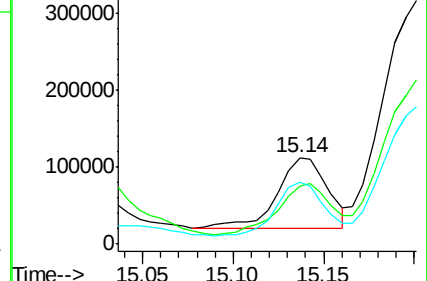
154 71.4 69.8 104.6

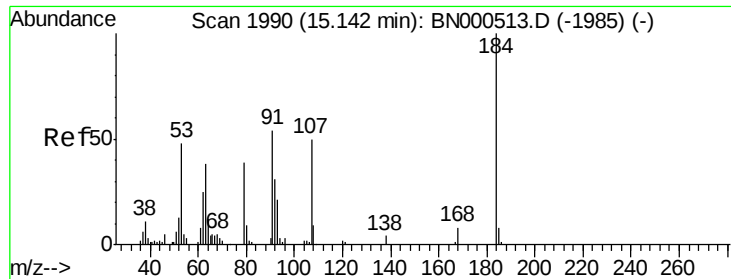


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

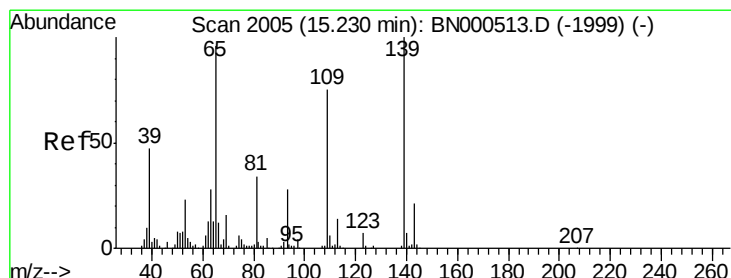
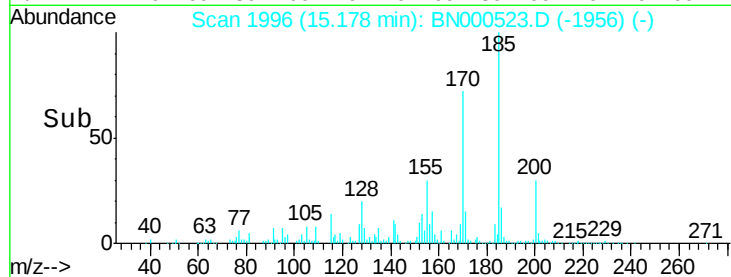
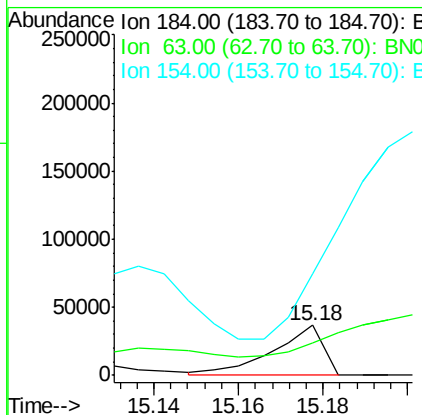
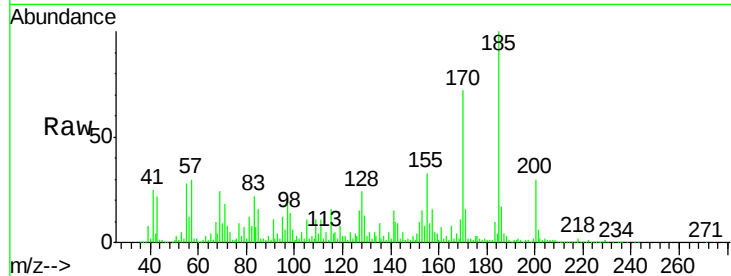




#50
 2,4-Dinitrophenol
 Concen: 14.761 ng/ul
 RT: 15.18 min Scan# 1996
 Delta R.T. 0.04 min
 Lab File: BN000523.D
 Acq: 21 Mar 2018 17:01

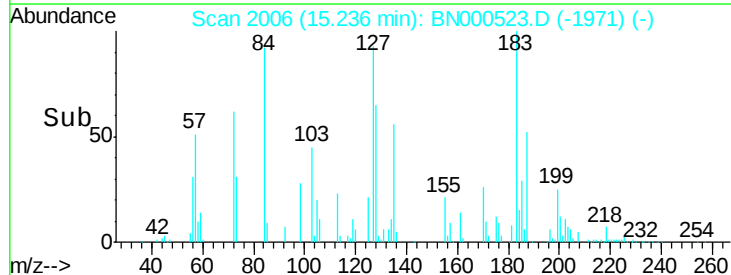
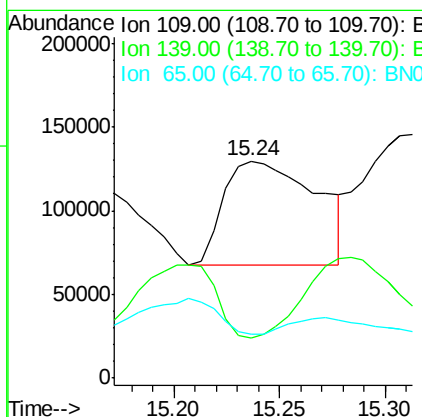
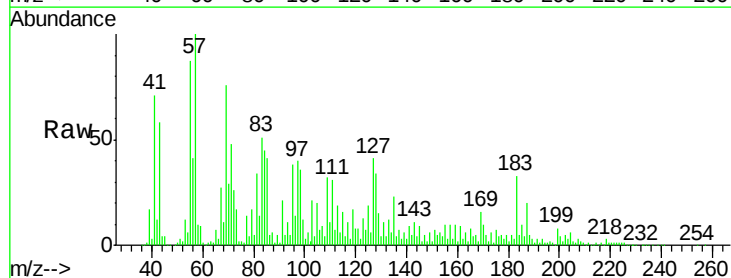
Instrument :
 BNA_N
 ClientSampleId :

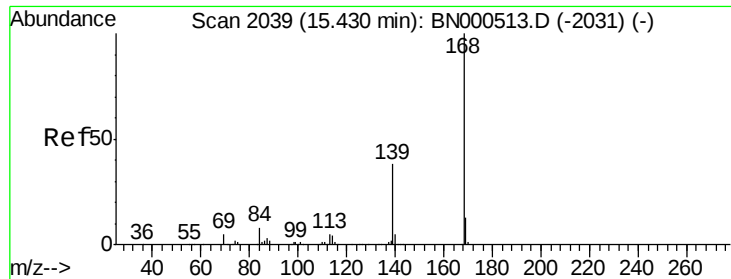
Tot Ion:184 Resp: 29909
 Ion Ratio Lower Upper
 184 100
 63 64.8 39.7 59.5#
 154 204.6 45.0 67.6#



#52
 4-Nitrophenol
 Concen: 61.405 ng/ul
 RT: 15.24 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BN000523.D
 Acq: 21 Mar 2018 17:01

Tgt Ion:109 Resp: 189852
 Ion Ratio Lower Upper
 109 100
 139 18.4 91.2 136.8#
 65 20.3 92.6 139.0#

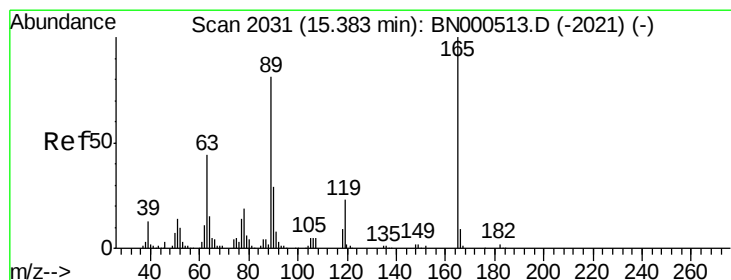
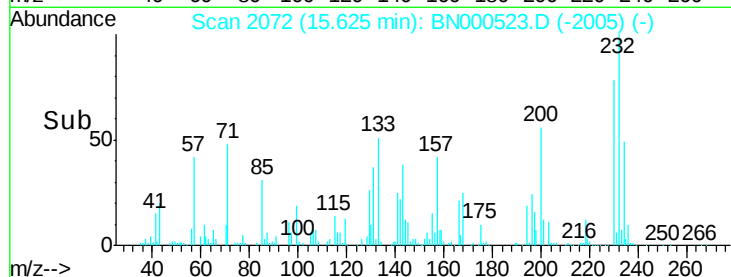
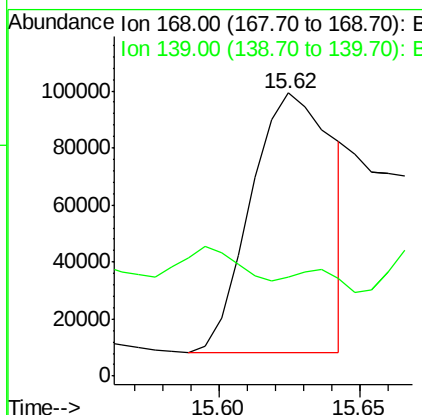
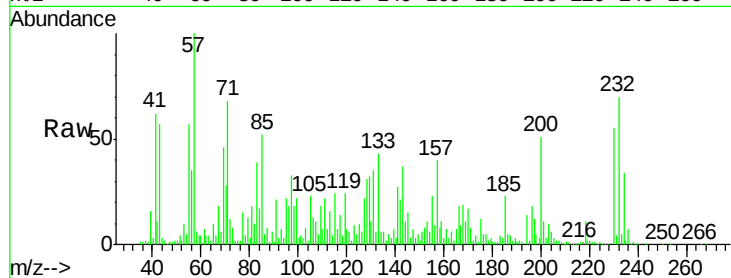




#53
Dibenzofuran
Concen: 7.129 ng/ul
RT: 15.62 min Scan# 2072
Delta R.T. 0.19 min
Lab File: BN000523.D
Acq: 21 Mar 2018 17:01

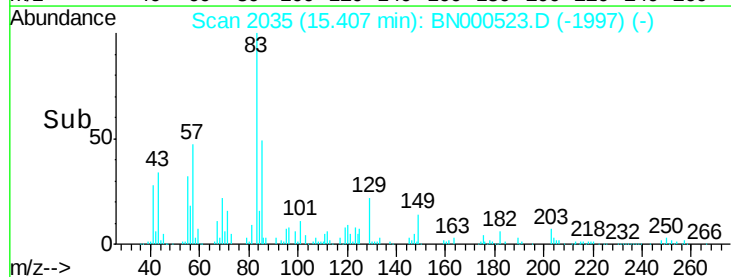
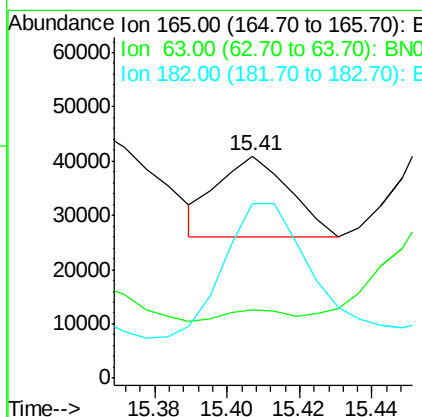
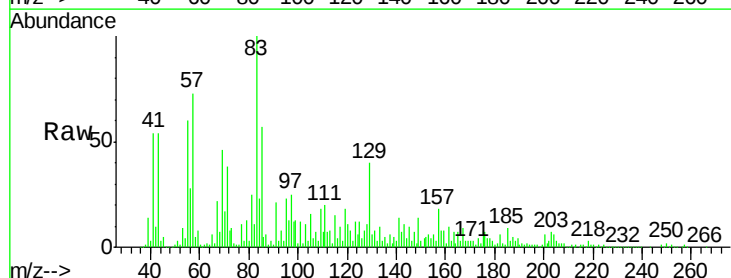
Instrument :
BNA_N
ClientSampleId :

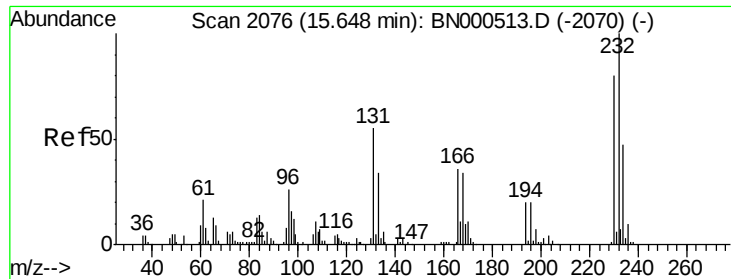
Tot Ion:168 Resp: 183835
Ion Ratio Lower Upper
168 100
139 35.0 31.0 46.4



#54
2,4-Dinitrotoluene
Concen: 3.317 ng/ul
RT: 15.41 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BN000523.D
Acq: 21 Mar 2018 17:01

Tgt Ion:165 Resp: 20195
Ion Ratio Lower Upper
165 100
63 30.9 31.4 47.0#
182 78.5 2.7 4.1#

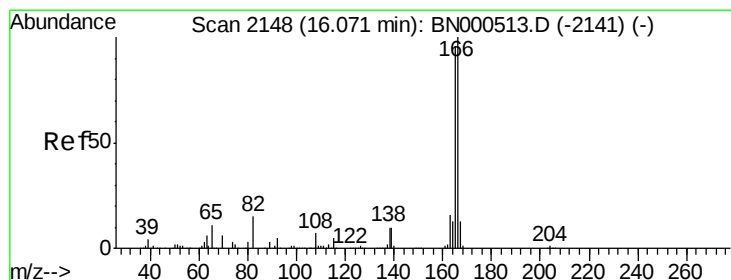
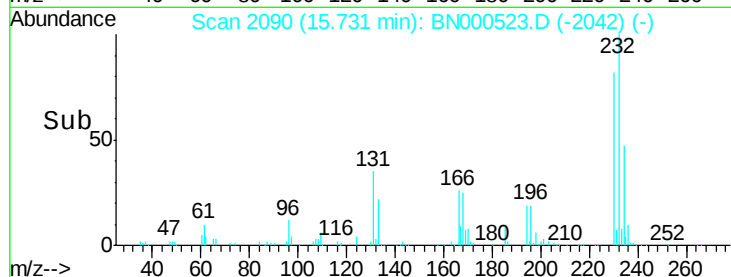
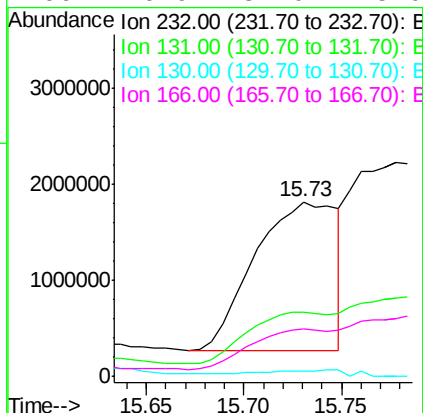
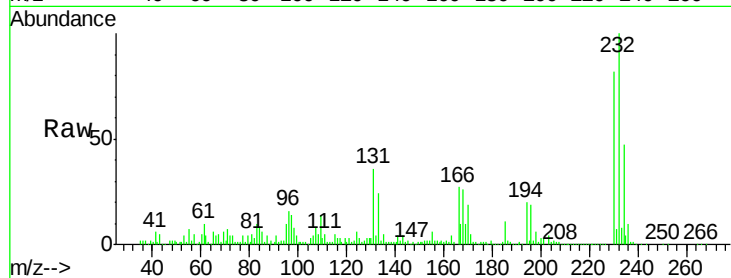




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 1020.205 ng/ul
 RT: 15.73 min Scan# 2090
 Delta R.T. 0.08 min
 Lab File: BN000523.D
 Acq: 21 Mar 2018 17:01

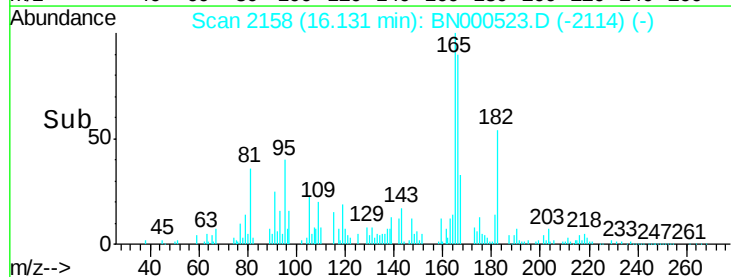
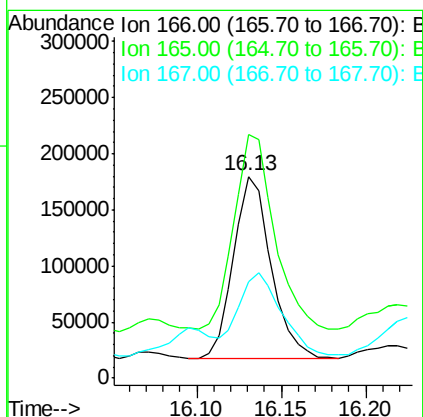
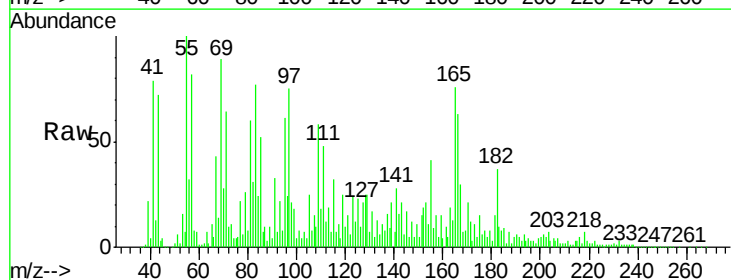
Instrument :
 BNA_N
 ClientSampleId :

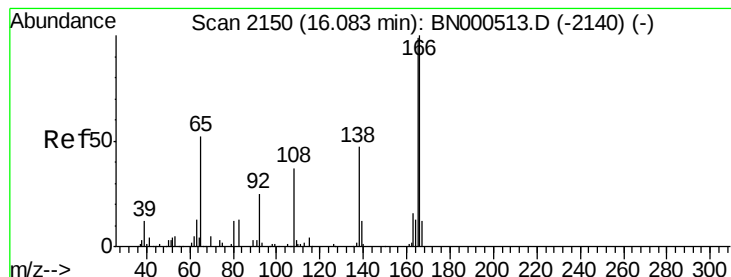
Tot Ion:232 Resp: 4514705
 Ion Ratio Lower Upper
 232 100
 131 36.5 48.0 72.0#
 130 2.8 4.0 6.0#
 166 26.9 32.0 48.0#



#58
 Fluorene
 Concen: 12.390 ng/ul
 RT: 16.13 min Scan# 2158
 Delta R.T. 0.06 min
 Lab File: BN000523.D
 Acq: 21 Mar 2018 17:01

Tgt Ion:166 Resp: 253906
 Ion Ratio Lower Upper
 166 100
 165 120.8 78.4 117.6#
 167 48.0 11.1 16.7#





#60

4-Nitroaniline

Concen: 17.723 ng/ul

RT: 16.15 min Scan# 2161

Delta R.T. 0.06 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

ClientSampleId :

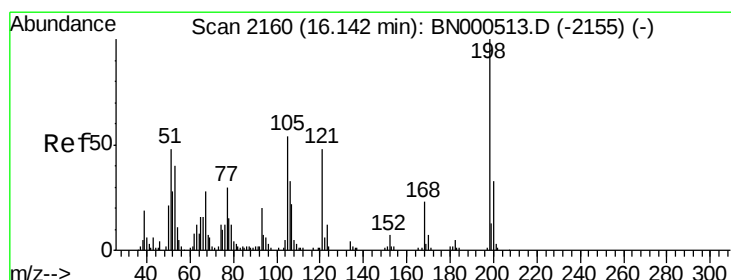
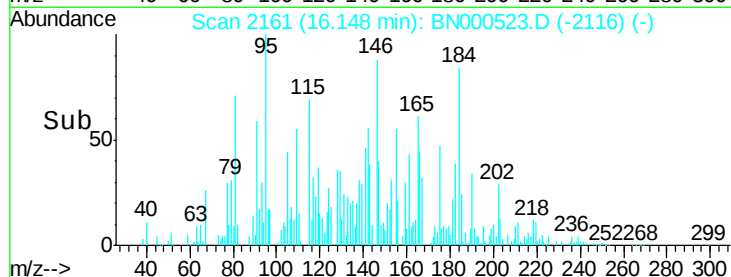
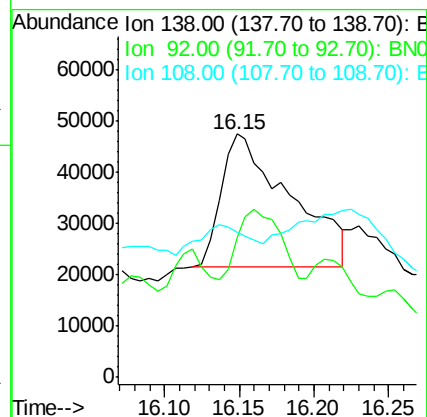
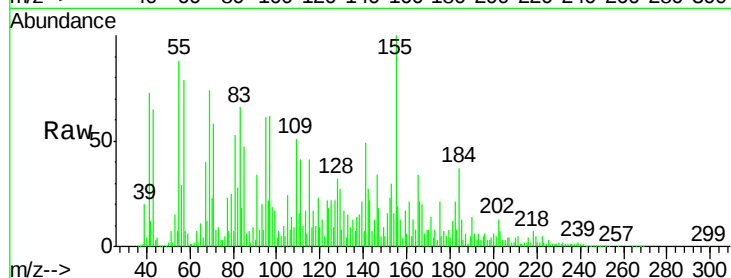
Tot Ion:138 Resp: 82563

Ion Ratio Lower Upper

138 100

92 57.4 38.2 57.4#

108 59.4 70.0 105.0#



#63

4,6-Dinitro-2-methylphenol

Concen: 30.490 ng/ul

RT: 16.15 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

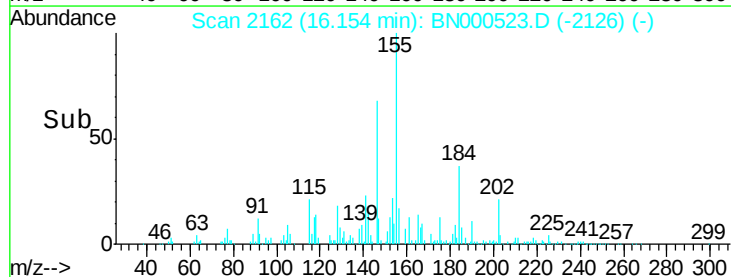
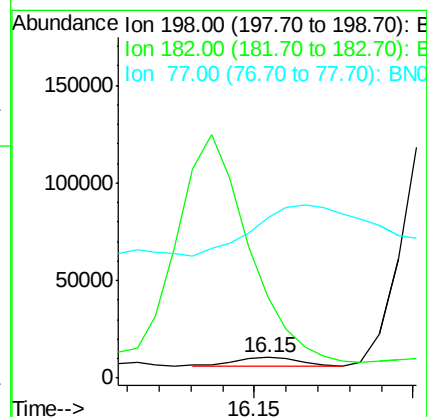
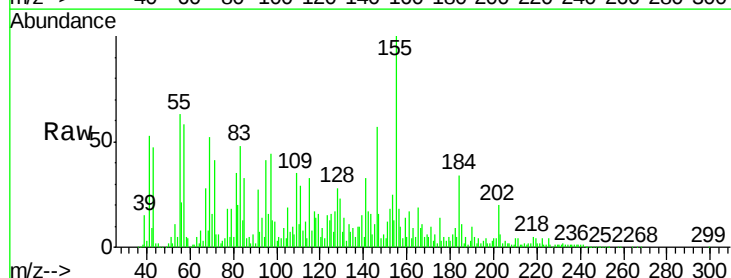
Tgt Ion:198 Resp: 6186

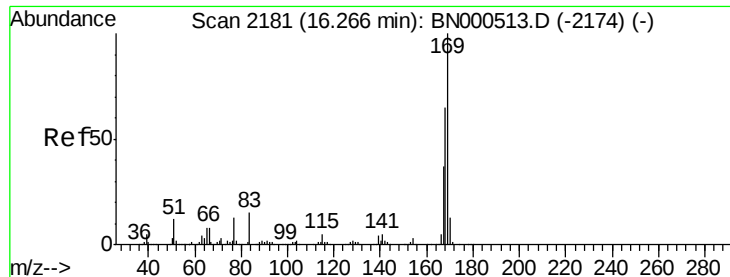
Ion Ratio Lower Upper

198 100

182 390.2 3.5 5.3#

77 774.0 18.2 27.4#



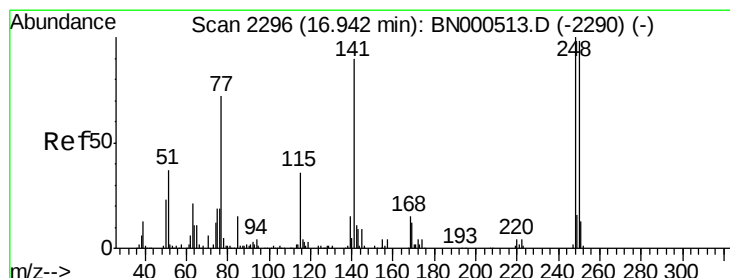
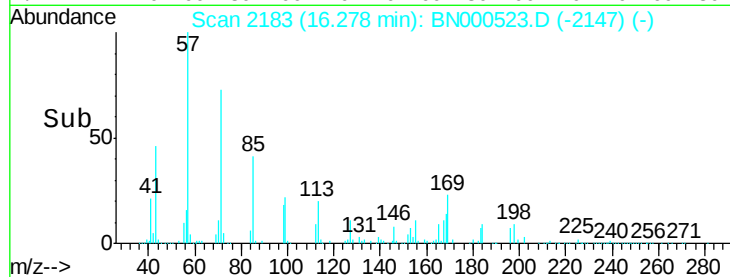
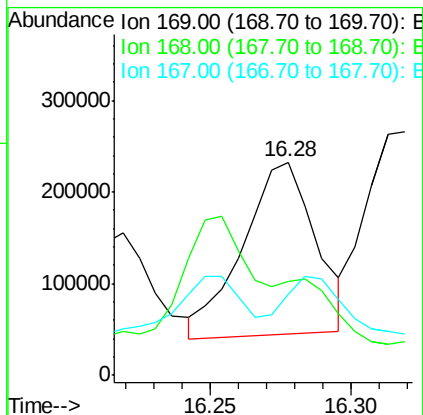
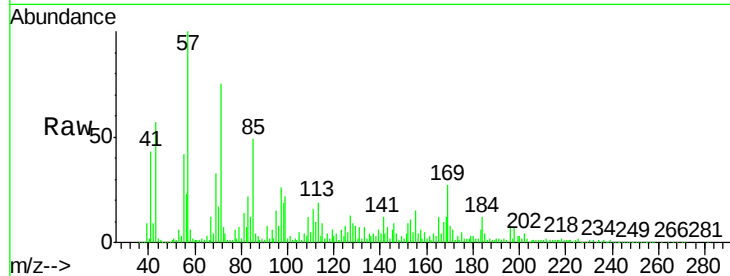


#64

N-Nitrosodiphenylamine
 Concen: 306.407 ng/ul
 RT: 16.28 min Scan# 2183
 Delta R.T. 0.01 min
 Lab File: BN000523.D
 Acq: 21 Mar 2018 17:01

Instrument :
 BNA_N
 ClientSampleId :

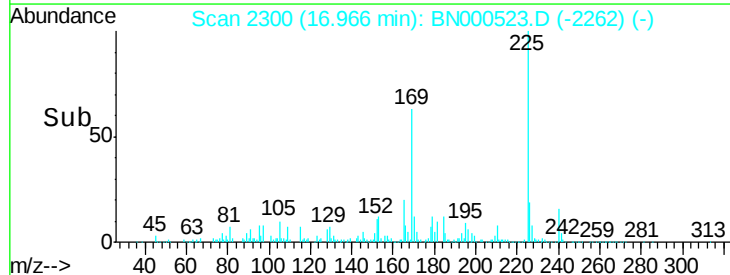
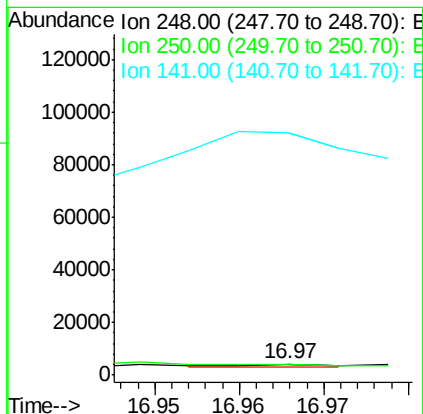
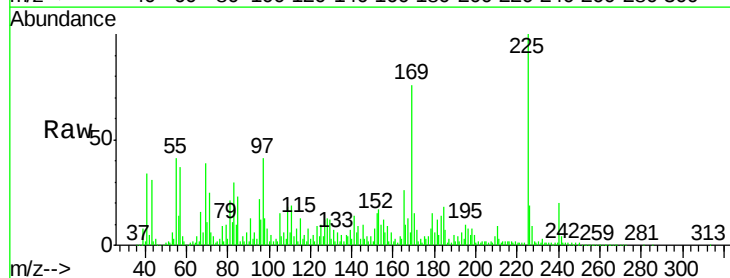
Tot Ion:169 Resp: 338720
 Ion Ratio Lower Upper
 169 100
 168 44.1 53.8 80.8#
 167 38.1 29.5 44.3

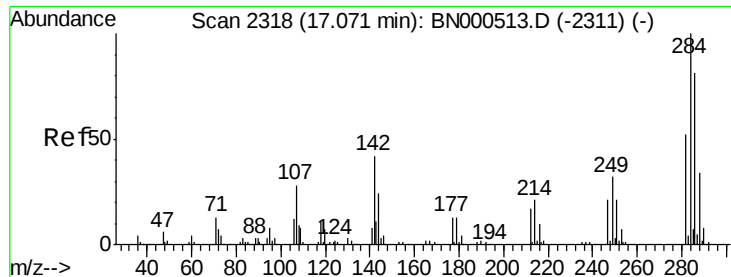


#65

4-Bromophenyl-phenylether
 Concen: 2.351 ng/ul
 RT: 16.97 min Scan# 2300
 Delta R.T. 0.02 min
 Lab File: BN000523.D
 Acq: 21 Mar 2018 17:01

Tgt Ion:248 Resp: 804
 Ion Ratio Lower Upper
 248 100
 250 92.7 79.0 118.4
 141 2221.9 51.9 77.9#

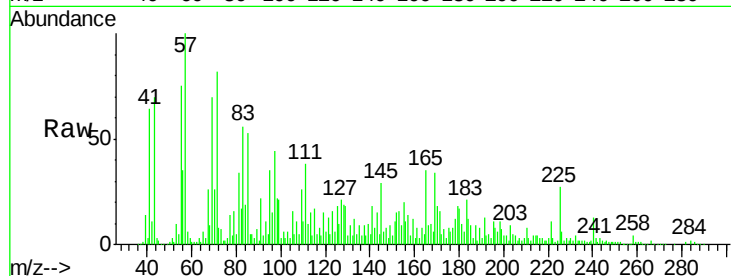




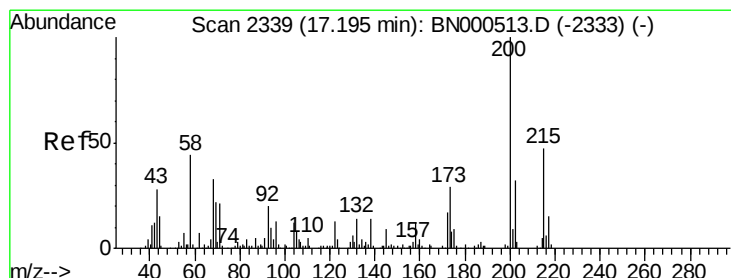
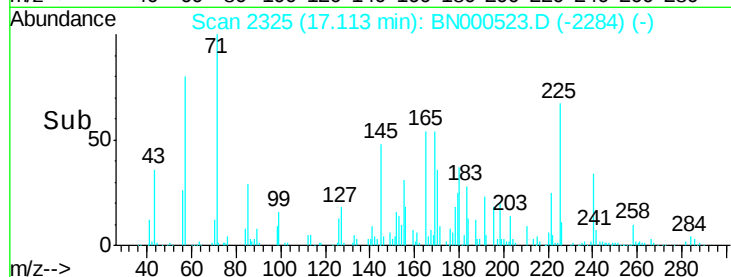
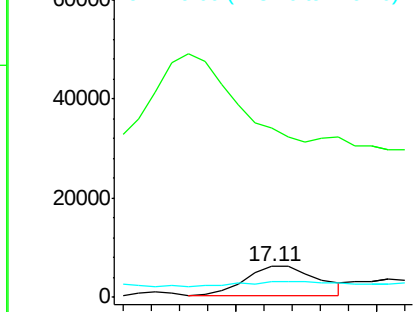
#66
Hexachlorobenzene
Concen: 28.935 ng/ul
RT: 17.11 min Scan# 2325
Delta R.T. 0.04 min
Lab File: BN000523.D
Acq: 21 Mar 2018 17:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 10450
Ion Ratio Lower Upper
284 100
142 550.6 21.3 31.9#
249 50.0 26.3 39.5#

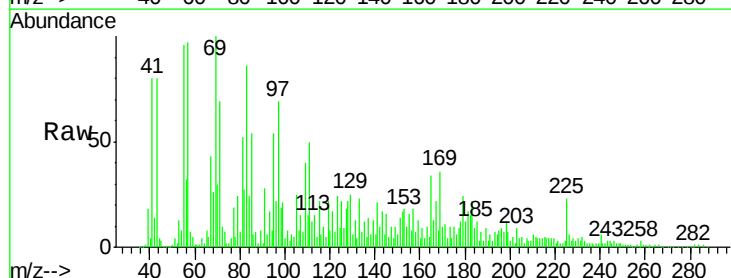


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

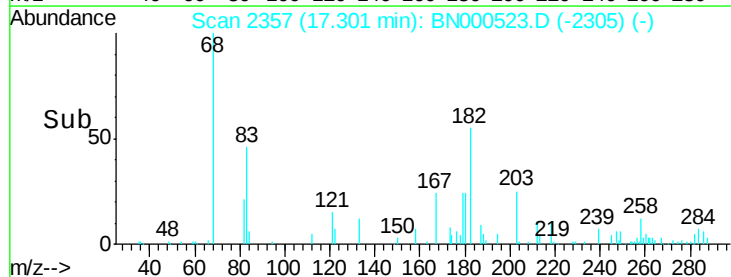
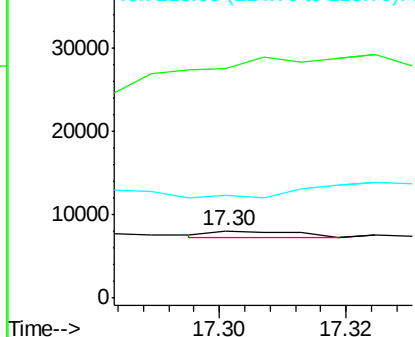


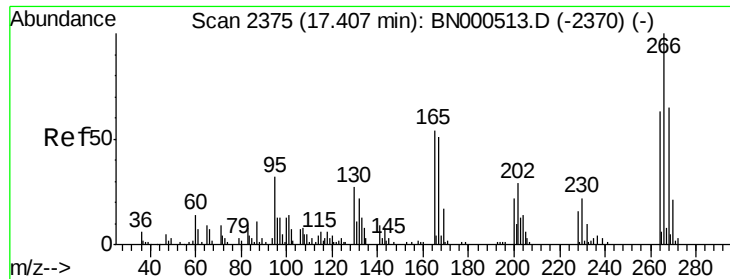
#67
Atrazine
Concen: 2.064 ng/ul
RT: 17.30 min Scan# 2357
Delta R.T. 0.11 min
Lab File: BN000523.D
Acq: 21 Mar 2018 17:01

Tgt Ion:200 Resp: 688
Ion Ratio Lower Upper
200 100
173 340.8 20.6 31.0#
215 152.2 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

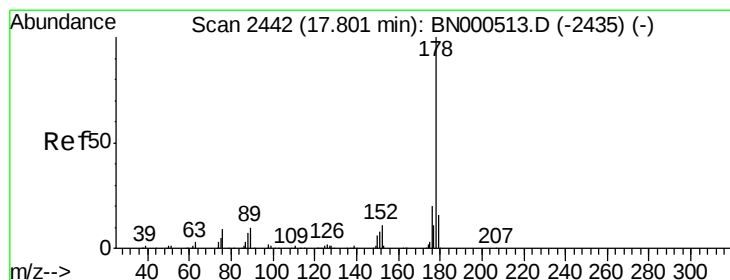
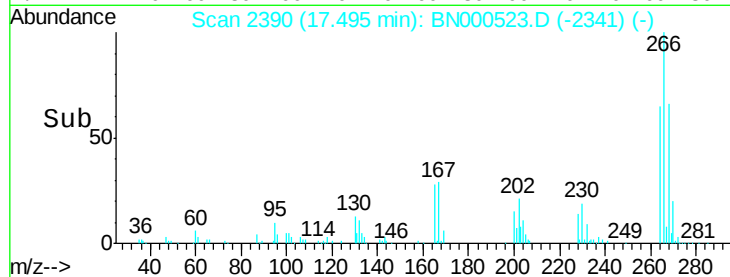
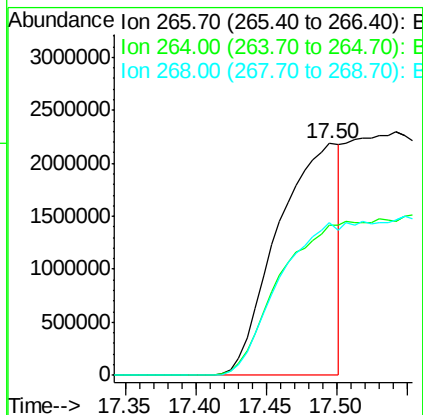
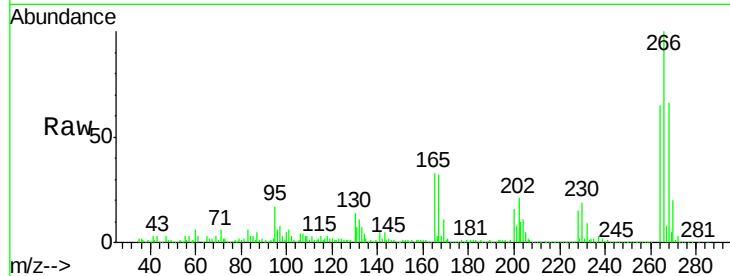




#68
 Pentachlorophenol
 Concen: 34583.054 ng/ul
 RT: 17.50 min Scan# 2390
 Delta R.T. 0.09 min
 Lab File: BN000523.D
 Acq: 21 Mar 2018 17:01

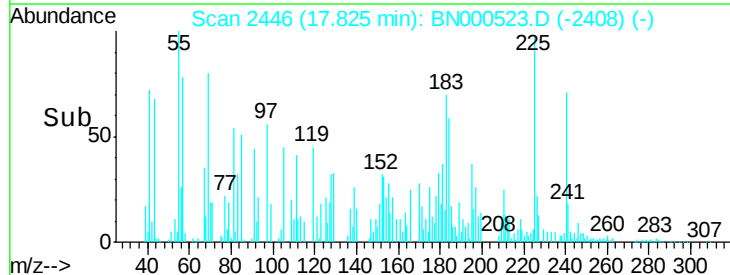
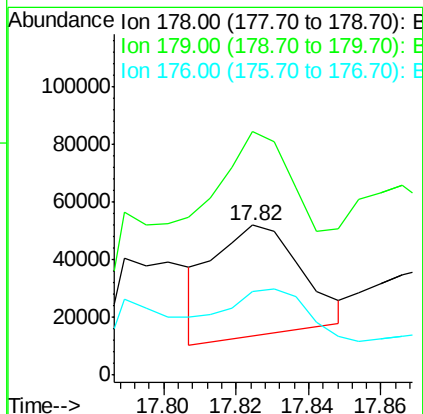
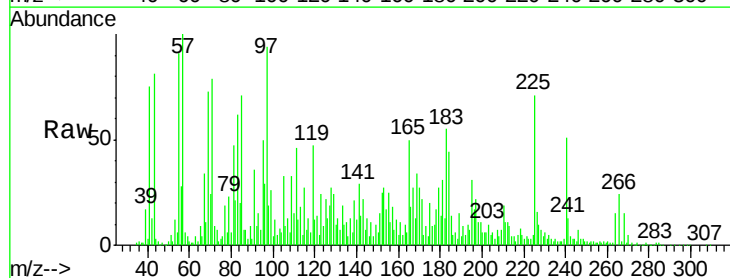
Instrument :
 BNA_N
 ClientSampleId :

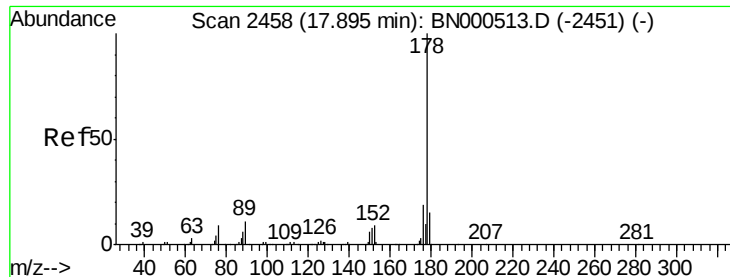
Tot Ion:266 Resp: 6593711
 Ion Ratio Lower Upper
 266 100
 264 65.0 48.2 72.4
 268 66.0 52.3 78.5



#69
 Phenanthrene
 Concen: 33.345 ng/ul
 RT: 17.82 min Scan# 2446
 Delta R.T. 0.02 min
 Lab File: BN000523.D
 Acq: 21 Mar 2018 17:01

Tgt Ion:178 Resp: 64461
 Ion Ratio Lower Upper
 178 100
 179 162.5 12.3 18.5#
 176 55.9 15.4 23.0#





#71

Anthracene

Concen: 362.559 ng/ul

RT: 17.97 min Scan# 2471

Delta R.T. 0.08 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

ClientSampleId :

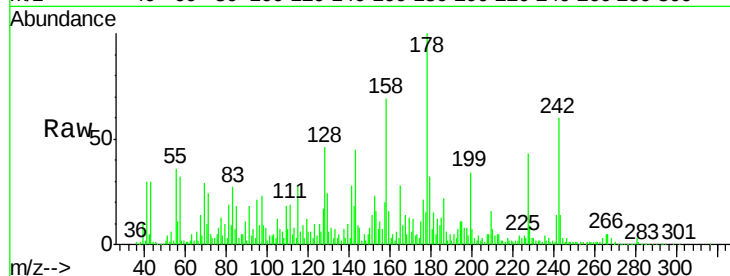
Tot Ion:178 Resp: 718667

Ion Ratio Lower Upper

178 100

179 31.6 13.4 20.2#

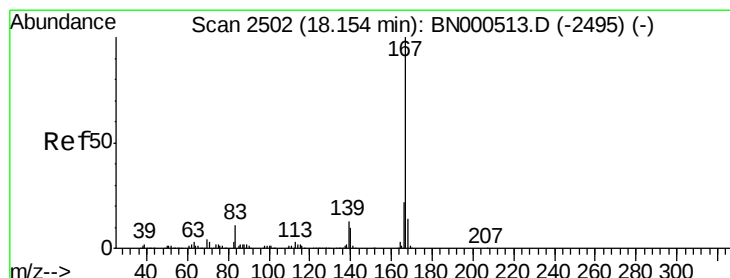
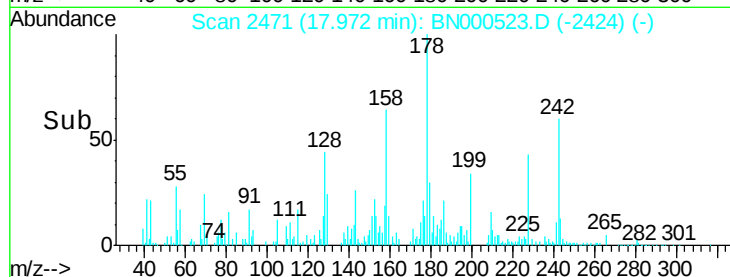
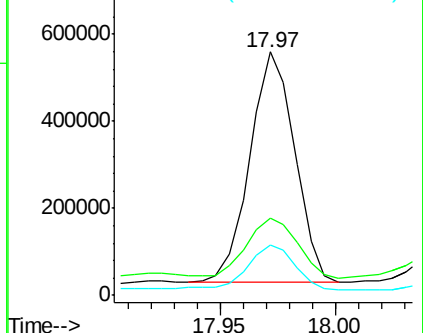
176 20.7 15.4 23.0



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: 5.719 ng/ul

RT: 18.20 min Scan# 2509

Delta R.T. 0.04 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

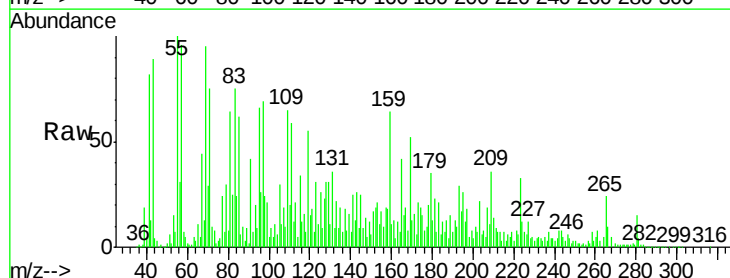
Tgt Ion:167 Resp: 9722

Ion Ratio Lower Upper

167 100

166 83.1 17.0 25.4#

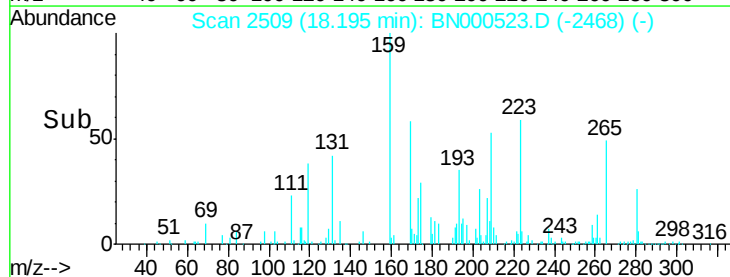
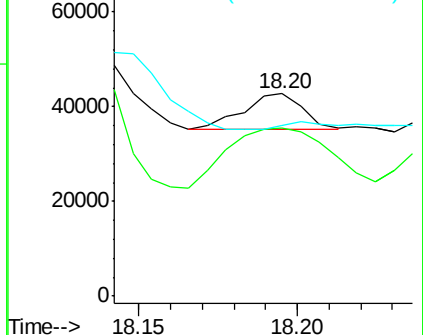
139 84.5 9.1 13.7#

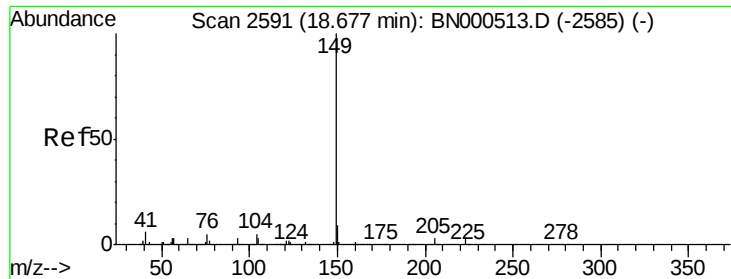


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

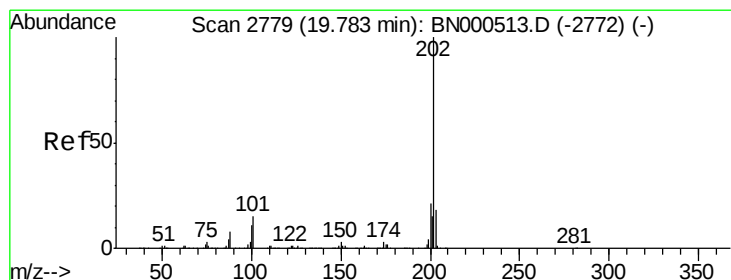
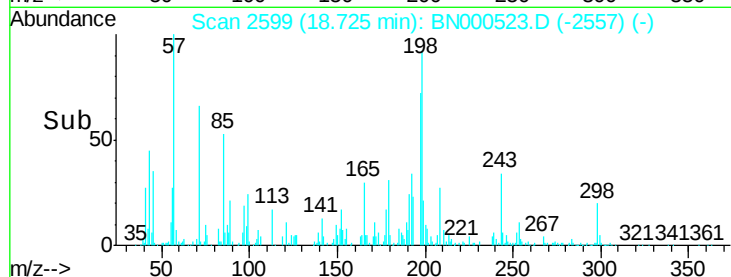
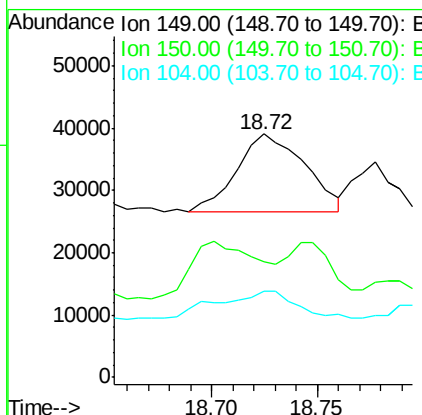
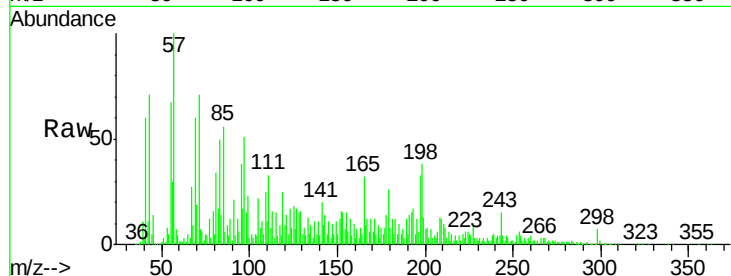




#73
Di-n-butylphthalate
Concen: 12.128 ng/ul
RT: 18.72 min Scan# 2599
Delta R.T. 0.05 min
Lab File: BN000523.D
Acq: 21 Mar 2018 17:01

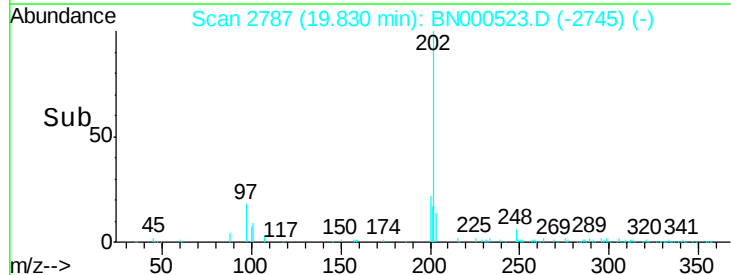
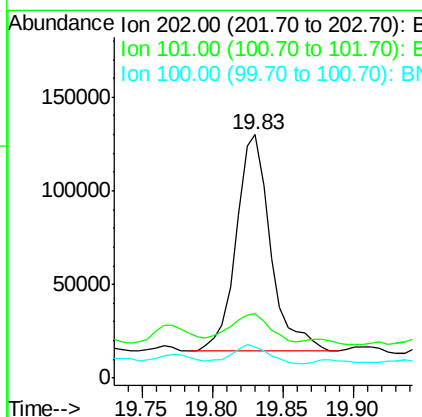
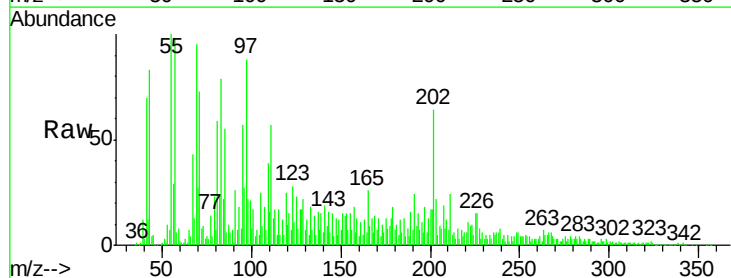
Instrument :
BNA_N
ClientSampleId :

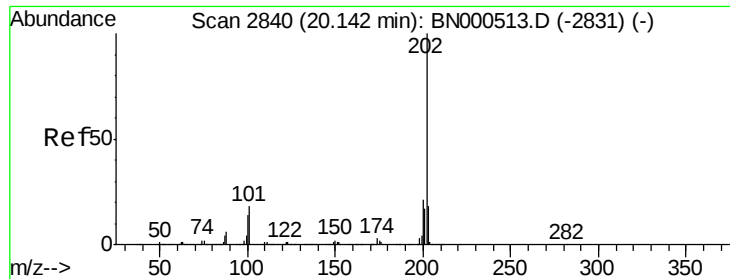
Tot Ion:149 Resp: 28036
Ion Ratio Lower Upper
149 100
150 47.6 7.5 11.3#
104 35.6 4.1 6.1#



#74
Fluoranthene
Concen: 103.046 ng/ul
RT: 19.83 min Scan# 2787
Delta R.T. 0.05 min
Lab File: BN000523.D
Acq: 21 Mar 2018 17:01

Tgt Ion:202 Resp: 197949
Ion Ratio Lower Upper
202 100
101 26.3 6.1 9.1#
100 13.0 4.6 7.0#





#77

Pvrene

Concen: 7.435 ng/ul

RT: 20.18 min Scan# 2847

Delta R.T. 0.04 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

ClientSampleId :

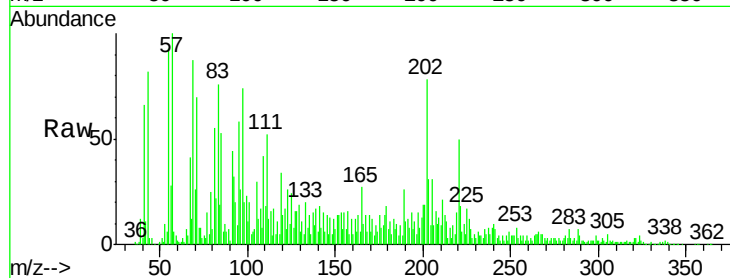
Tot Ion:202 Resp: 227802

Ion Ratio Lower Upper

202 100

101 25.6 6.9 10.3#

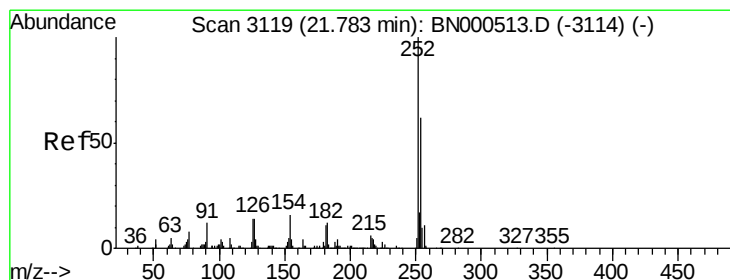
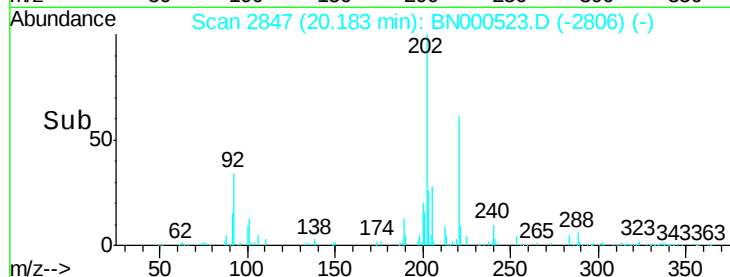
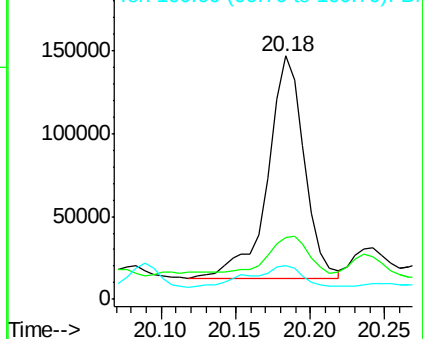
100 14.1 5.6 8.4#



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



#79

3,3'-Dichlorobenzidine

Concen: 1.404 ng/ul

RT: 21.82 min Scan# 3126

Delta R.T. 0.04 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

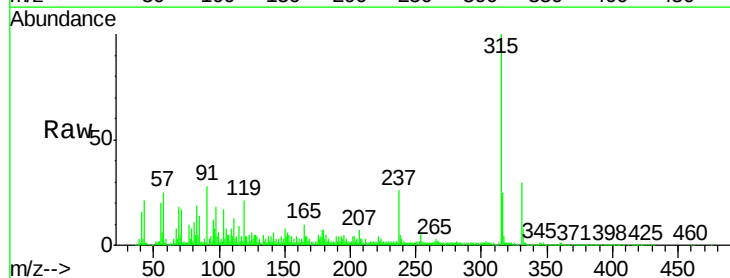
Tgt Ion:252 Resp: 11507

Ion Ratio Lower Upper

252 100

254 79.4 52.8 79.2#

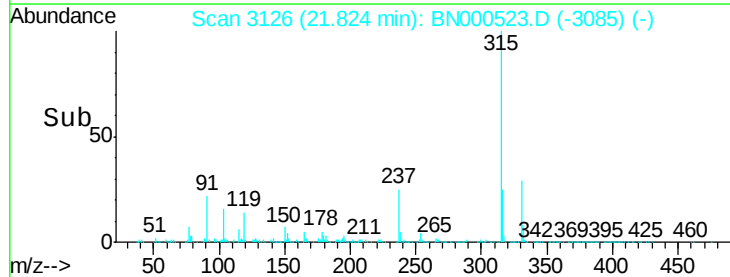
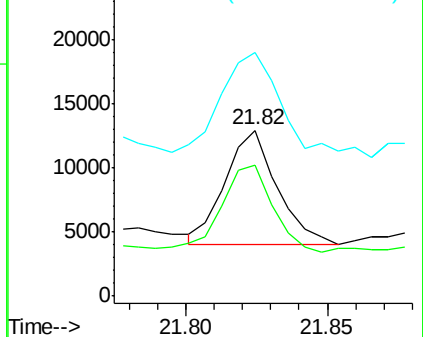
126 147.0 6.9 10.3#

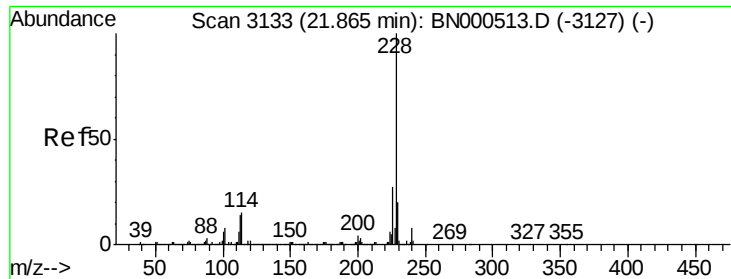


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 1.223 ng/ul

RT: 21.89 min Scan# 3137

Delta R.T. 0.02 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

ClientSampleId :

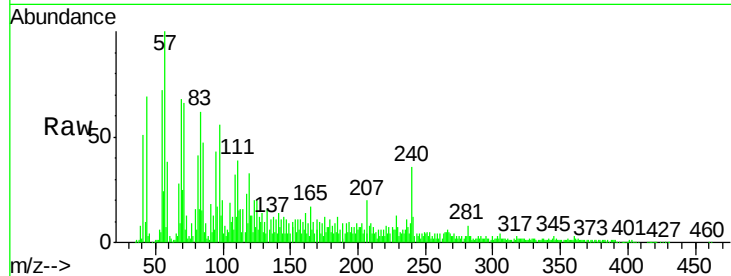
Tot Ion:228 Resp: 34192

Ion Ratio Lower Upper

228 100

229 55.2 16.0 24.0#

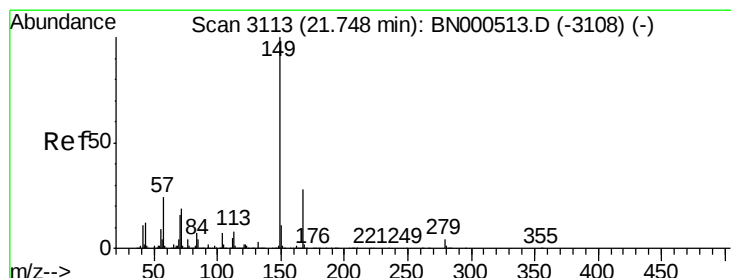
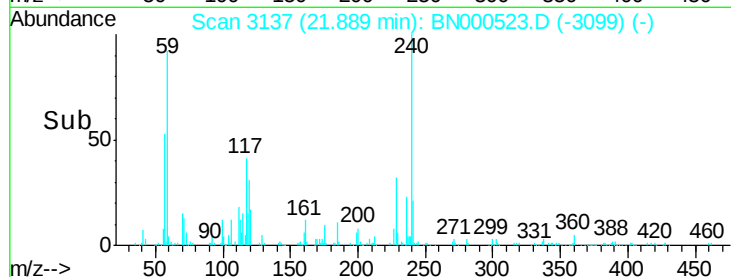
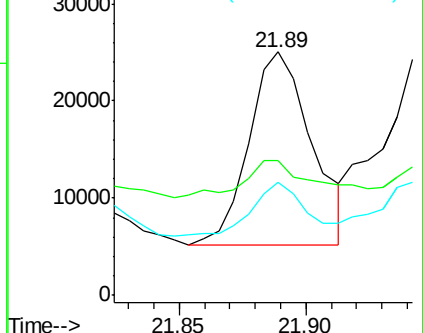
226 46.3 21.8 32.8#



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: 27.330 ng/ul

RT: 21.76 min Scan# 3115

Delta R.T. 0.01 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

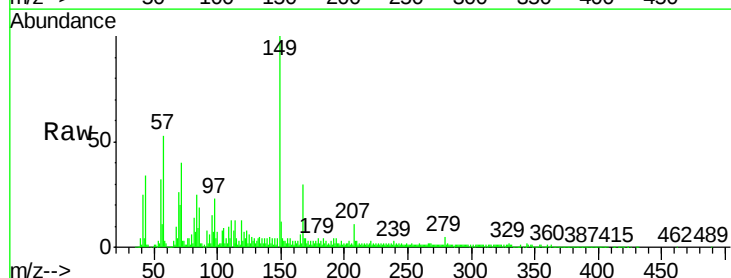
Tgt Ion:149 Resp: 603840

Ion Ratio Lower Upper

149 100

167 29.8 23.0 34.6

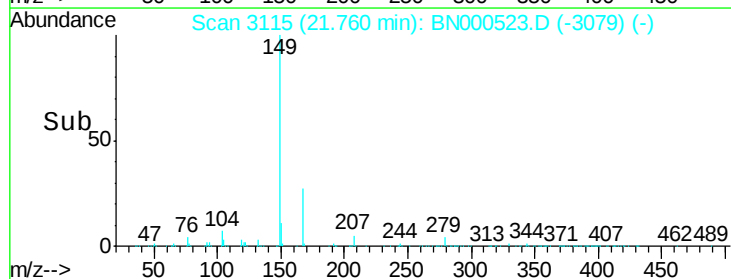
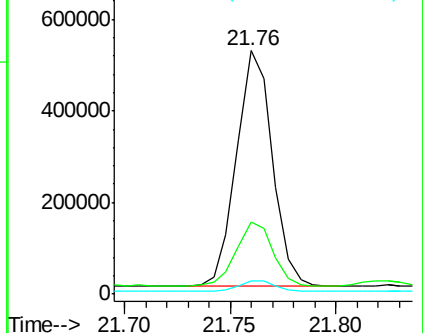
279 5.4 4.3 6.5

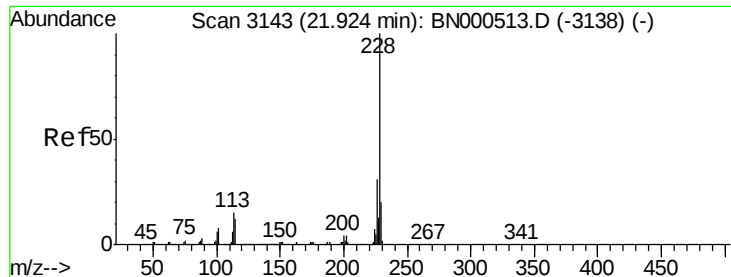


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

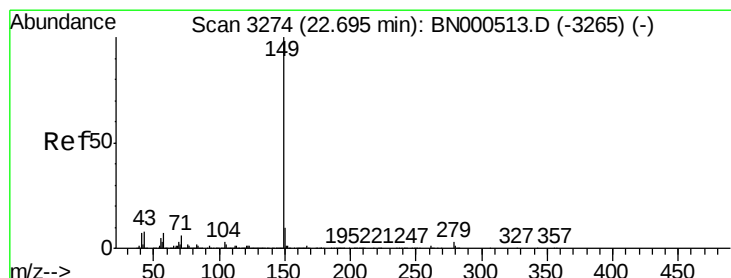
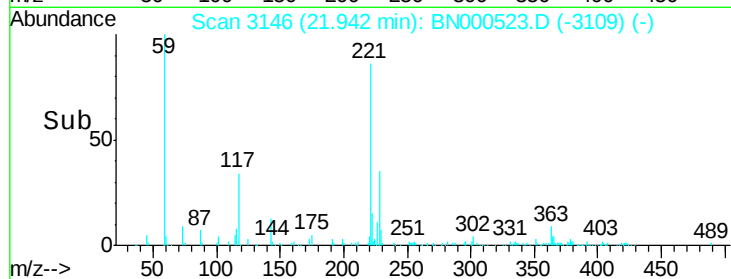
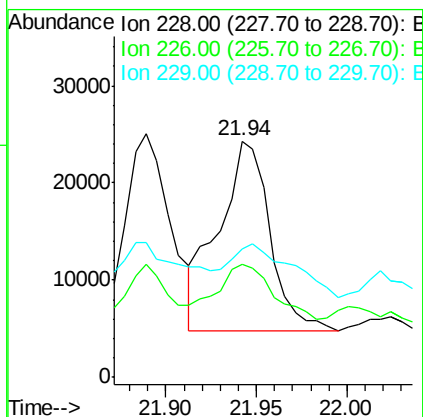
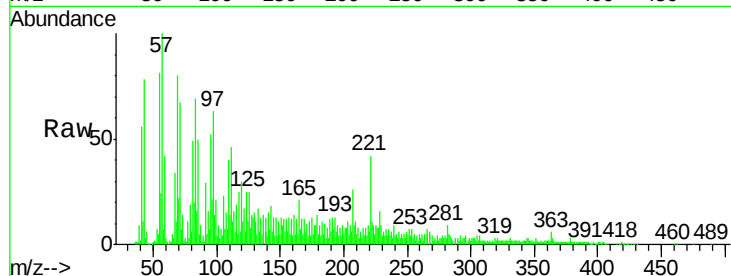




#82
Chrysene
Concen: 1.466 ng/ul
RT: 21.94 min Scan# 3146
Delta R.T. 0.02 min
Lab File: BN000523.D
Acq: 21 Mar 2018 17:01

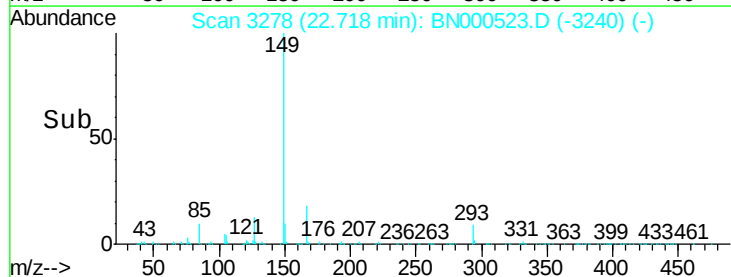
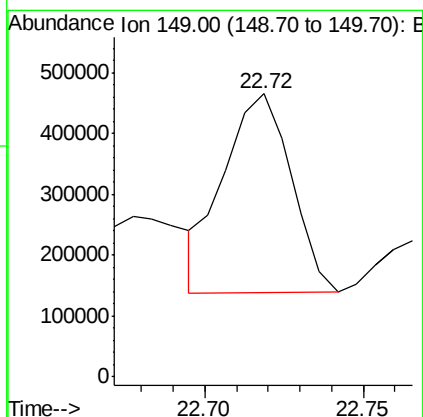
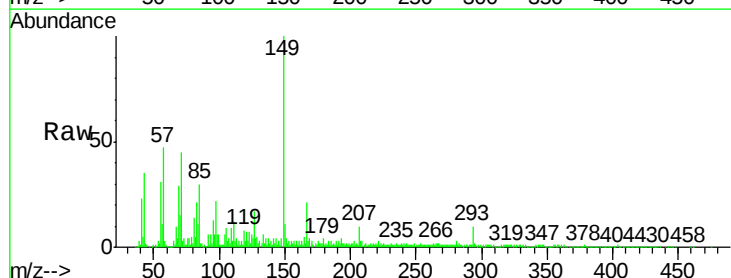
Instrument :
BNA_N
ClientSampleId :

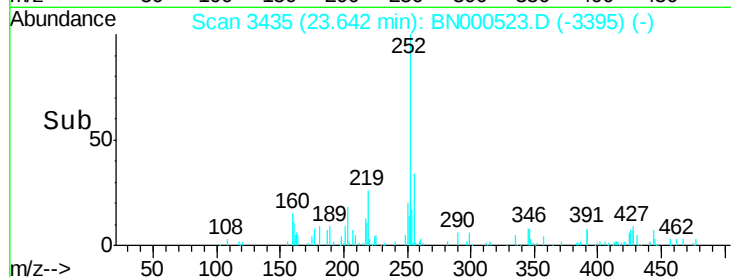
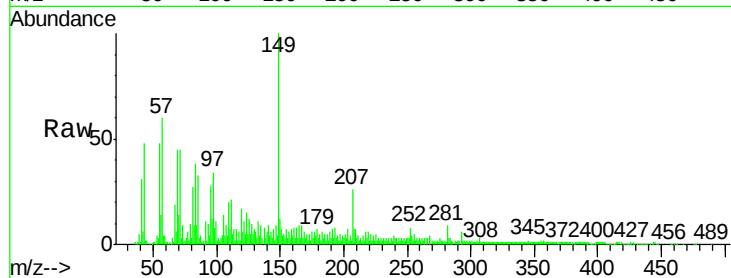
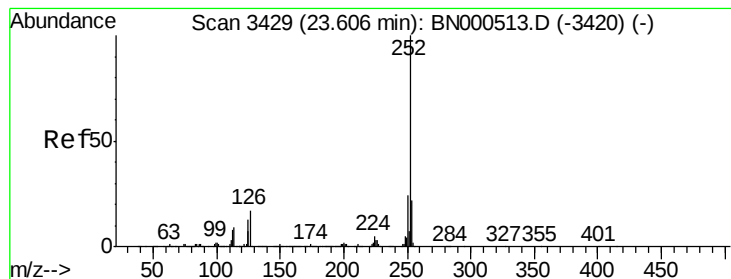
Tot Ion:228 Resp: 38419
Ion Ratio Lower Upper
228 100
226 48.1 24.1 36.1#
229 54.2 16.0 24.0#



#84
Di-n-octyl phthalate
Concen: 13.133 ng/ul
RT: 22.72 min Scan# 3278
Delta R.T. 0.02 min
Lab File: BN000523.D
Acq: 21 Mar 2018 17:01

Tgt Ion:149 Resp: 483102





#85

Benzo(b)fluoranthene

Concen: 1.025 ng/ul

RT: 23.64 min Scan# 3435

Delta R.T. 0.04 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

ClientSampleId :

Tot Ion:252 Resp: 28302

Ion Ratio Lower Upper

252 100

253 53.3 17.4 26.0#

125 139.7 4.9 7.3#

