

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000524.D
 Acq On : 21 Mar 2018 17:35
 Operator : JU/SJ
 Sample : J1905-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 22 01:39:46 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	8.43	152	134471	20.00	ng/ul	0.02
18) Naphthalene-d8	11.28	136	403855	20.00	ng/ul	0.03
35) Acenaphthene-d10	15.06	164	232967	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.80	188	2095	20.00	ng/ul	0.04
75) Chrysene-d12	21.97	240	711	20.00	ng/ul	0.08
83) Perylene-d12	24.39	264	414205	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	20727	5.51	ng/uL	0.00
5) Phenol-d5	7.57	99	21277	1.70	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.74	67	224571	31.03	ng/ul	0.02
9) 2-Chlorophenol-d4	8.00	132	246994	26.04	ng/ul	0.06
13) 4-Methylphenol-d8	9.15	113	1796	0.18	ng/ul	0.02
19) Nitrobenzene-d5	9.63	128	162485	49.54	ng/ul	0.04
22) 2-Nitrophenol-d4	10.35	143	149469	43.99	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.95	165	266420	43.74	ng/ul	0.09
29) 4-Chloroaniline-d4	11.44	131	792	0.13	ng/ul	0.05
43) Dimethylphthalate-d6	14.45	166	649914	35.31	ng/ul	0.03
46) Acenaphthylene-d8	14.76	160	826616	34.04	ng/ul	0.03
51) 4-Nitrophenol-d4	15.25	143	53222	15.57	ng/ul	0.04
57) Fluorene-d10	16.05	176	525664	33.52	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	16.20	200	195260	16273.96	ng/ul	0.07
70) Anthracene-d10	17.87	188	401307	3985.20	ng/ul	0.00
76) Pyrene-d10	20.24	212	2235	56.94	ng/ul	0.12
87) Benzo(a)pyrene-d12	24.22	264	434513	22.23	ng/ul	0.02

Target Compounds

					Ovalue	
4) Benzaldehyde	7.55	77	164586	32.178	ng/ul#	1
11) 2-Methylphenol	8.95	108	24089	2.566	ng/ul#	1
14) Acetophenone	9.26	105	2101104	144.642	ng/ul#	31
15) N-Nitroso-di-n-propylamine	9.19	70	185440	24.408	ng/ul#	50
17) Hexachloroethane	9.56	117	297262	73.562	ng/ul#	1
20) Nitrobenzene	9.64	77	51424	6.351	ng/ul#	33
21) Isophorone	10.21	82	1359459	88.077	ng/ul#	88
23) 2-Nitrophenol	10.37	139	13959	3.820	ng/ul#	1
24) 2,4-Dimethylphenol	10.48	107	74062	9.408	ng/ul#	64
25) Bis(2-Chloroethoxy)methane	10.63	93	599818	61.531	ng/ul#	93
27) 2,4-Dichlorophenol	10.91	162	6811	1.152	ng/ul#	1
28) Naphthalene	11.34	128	961280	45.326	ng/ul	97
30) 4-Chloroaniline	11.46	127	11937	1.881	ng/ul#	46
32) Caprolactam	12.14	113	38299	17.722	ng/ul#	1
33) 4-Chloro-3-methylphenol	12.54	107	17269	2.485	ng/ul#	38
34) 2-Methylnaphthalene	12.92	142	1322944	93.433	ng/ul	98
38) 2,4,6-Trichlorophenol	13.55	196	121379	25.567	ng/ul	97
39) 2,4,5-Trichlorophenol	13.55	196	138244	27.927	ng/ul	99
40) 1,1'-Biphenyl	13.90	154	116813	5.890	ng/ul#	70
42) 2-Nitroaniline	14.11	65	43410	9.372	ng/ul#	1
44) Dimethylphthalate	14.50	163	43321	2.380	ng/ul#	67
45) 2,6-Dinitrotoluene	14.66	165	36744	10.016	ng/ul#	64
47) Acenaphthylene	14.78	152	32289	1.357	ng/ul#	1

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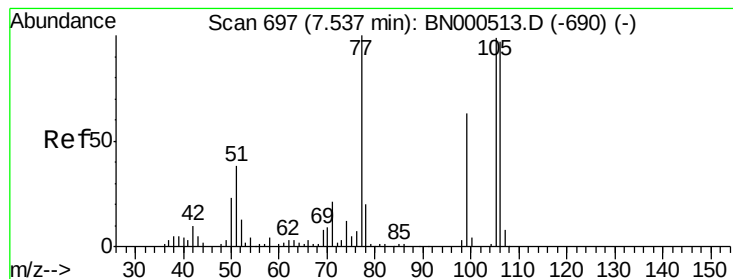
Instrument :
 BNA_N
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Quant Time: Mar 22 01:39:46 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

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

48) 3-Nitroaniline	14.95	138	25440	7.182	ng/ul#	21
49) Acenaphthene	15.12	153	63434	3.911	ng/ul#	76
50) 2,4-Dinitrophenol	15.17	184	37445	21.635	ng/ul#	1
52) 4-Nitrophenol	15.22	109	89611	33.930	ng/ul#	11
53) Dibenzofuran	15.45	168	34011	1.544	ng/ul#	1
54) 2,4-Dinitrotoluene	15.40	165	10404	2.000	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.61	232	976062	258.210	ng/ul#	82
58) Fluorene	16.11	166	91317	5.217	ng/ul#	68
60) 4-Nitroaniline	16.10	138	5965	1.499	ng/ul#	47
63) 4,6-Dinitro-2-methylphenol	16.20	198	474322	37446.111	ng/ul#	86
64) N-Nitrosodiphenylamine	16.30	169	162446	2353.711	ng/ul#	41
65) 4-Bromophenyl-phenylether	17.01	248	284	13.300	ng/ul#	1
66) Hexachlorobenzene	17.10	284	7521	333.559	ng/ul#	1
67) Atrazine	17.22	200	1450	69.659	ng/ul#	1
68) Pentachlorophenol	17.51	266	14185865	1191723.271	ng/ul	97
69) Phenanthrene	17.82	178	8806	72.962	ng/ul#	1
71) Anthracene	17.90	178	241523	1951.624	ng/ul#	82
72) Carbazole	18.21	167	8754	82.488	ng/ul#	1
73) Di-n-butylphthalate	18.70	149	11993	83.101	ng/ul#	8
74) Fluoranthene	19.85	202	5585	46.568	ng/ul#	1
77) Pyrene	20.22	202	10554	203.231	ng/ul#	1
78) Butylbenzylphthalate	21.05	149	882	34.192	ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.87	252	636	45.787	ng/ul#	32
80) Benzo(a)anthracene	21.94	228	16995	358.748	ng/ul#	35
81) Bis(2-ethylhexyl)phthalate	21.75	149	232278	6202.478	ng/ul	97
82) Chrysene	22.01	228	870	19.590	ng/ul#	1
84) Di-n-octyl phthalate	22.71	149	157198	4.509	ng/ul	100

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



#4

Benzaldehyde

Concen: 32.178 ng/ul

RT: 7.55 min Scan# 699

Delta R.T. 0.01 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

ClientSampled :

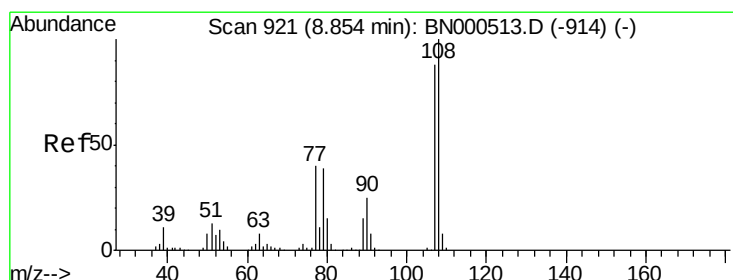
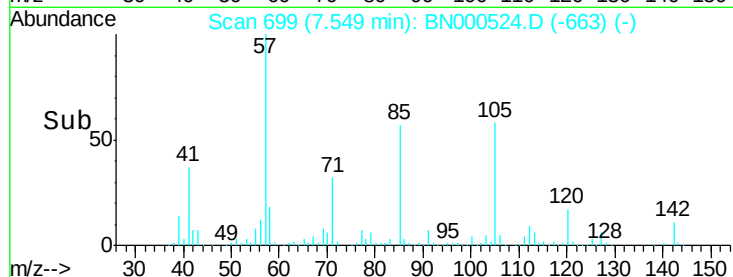
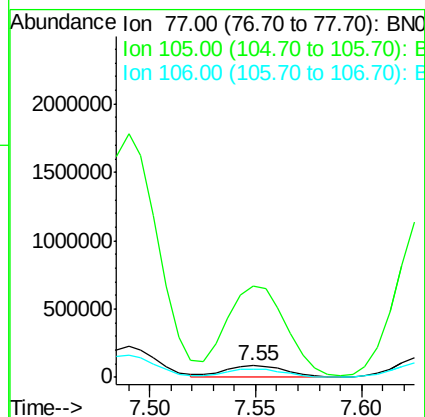
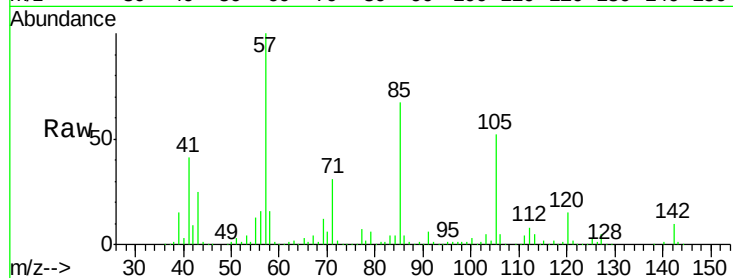
Tot Ion: 77 Resp: 164586

Ion Ratio Lower Upper

77 100

105 782.9 71.0 106.6#

106 71.5 69.5 104.3



#11

2-Methylphenol

Concen: 2.566 ng/ul

RT: 8.95 min Scan# 937

Delta R.T. 0.09 min

Lab File: BN000524.D

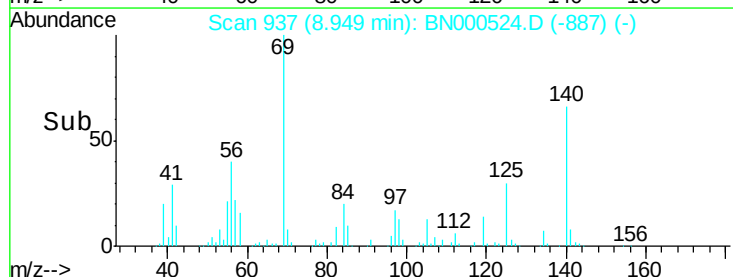
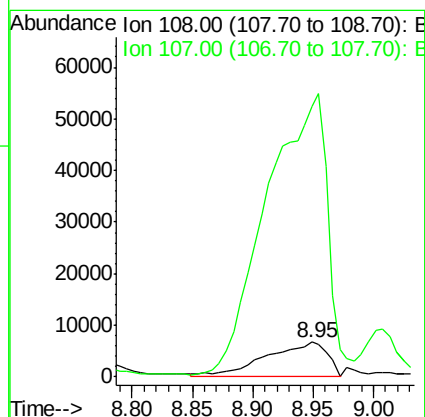
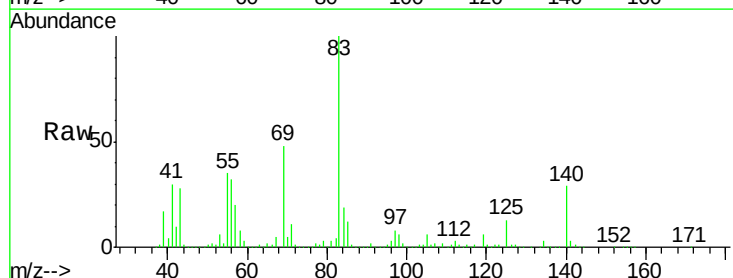
Acq: 21 Mar 2018 17:35

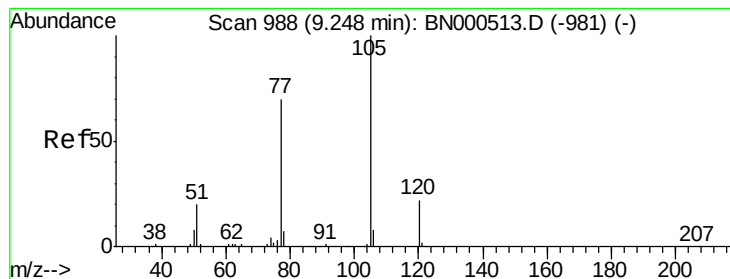
Tgt Ion:108 Resp: 24089

Ion Ratio Lower Upper

108 100

107 785.7 74.1 111.1#





#14

Acetophenone

Concen: 144.642 ng/ul

RT: 9.26 min Scan# 990

Delta R.T. 0.01 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

ClientSampleId :

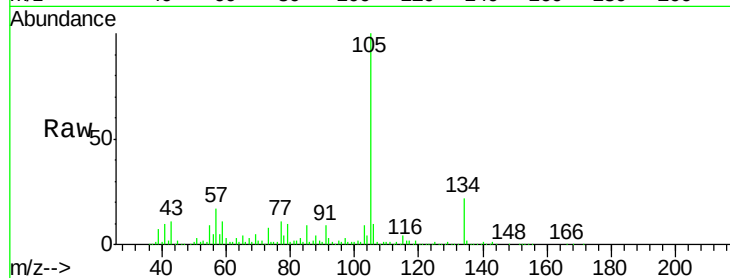
Tot Ion:105 Resp: 2101104

Ion Ratio Lower Upper

105 100

77 11.5 63.2 94.8#

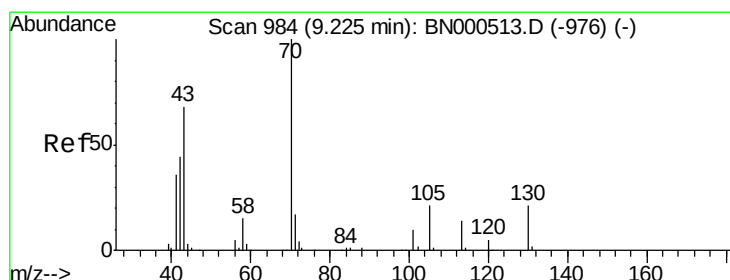
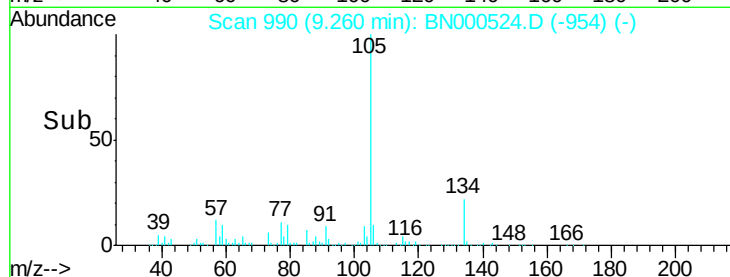
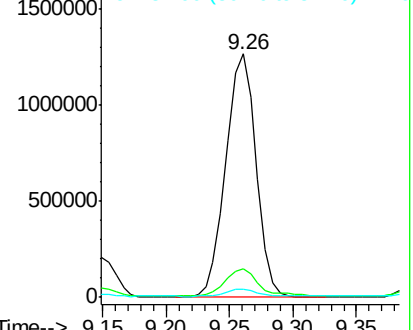
51 3.3 19.8 29.8#



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



#15

N-Nitroso-di-n-propylamine

Concen: 24.408 ng/ul

RT: 9.19 min Scan# 978

Delta R.T. -0.03 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Tgt Ion: 70 Resp: 185440

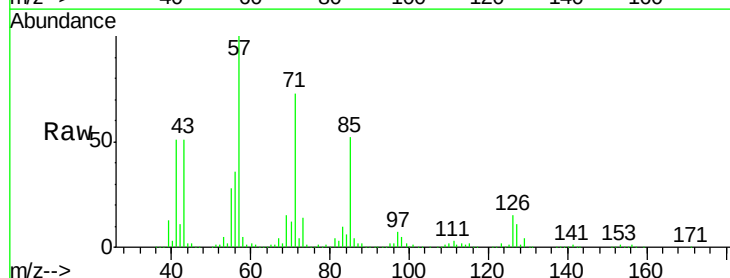
Ion Ratio Lower Upper

70 100

42 93.5 40.2 60.4#

101 5.3 7.7 11.5#

130 3.1 17.8 26.6#

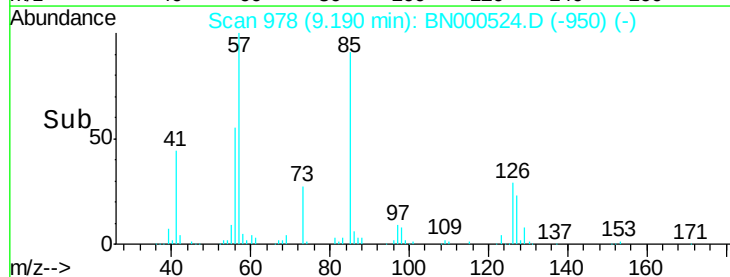
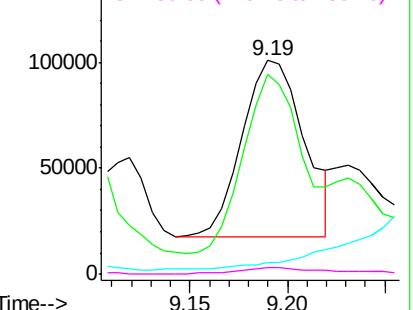


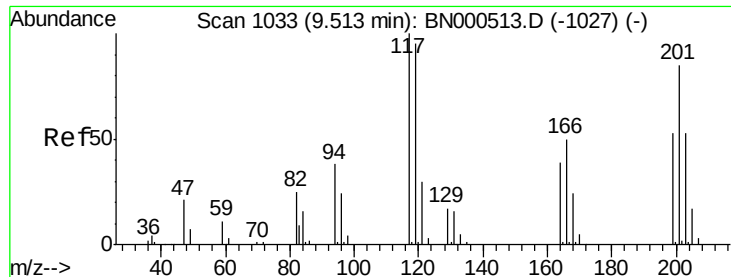
Abundance Ion 70.00 (69.70 to 70.70): BNC

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

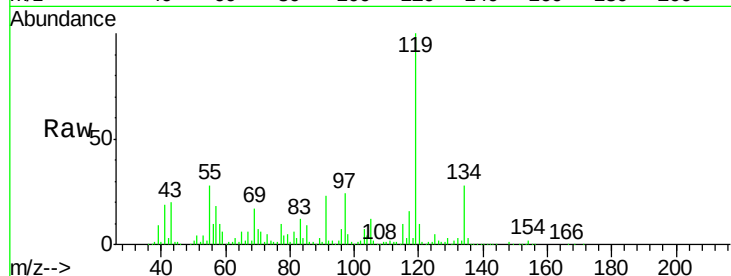




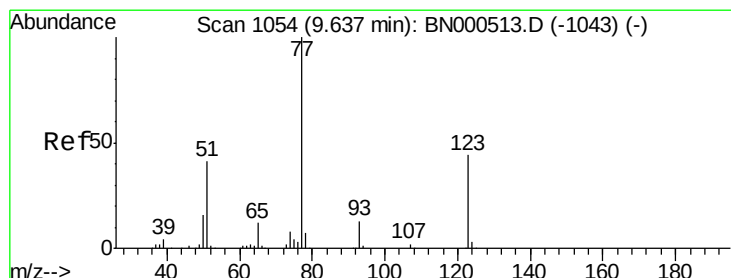
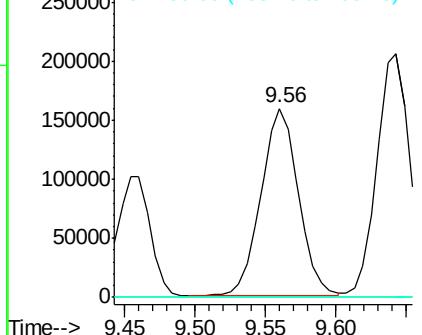
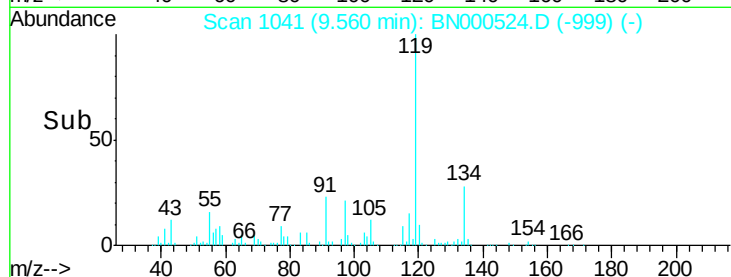
#17
Hexachloroethane
Concen: 73.562 ng/ul
RT: 9.56 min Scan# 1041
Delta R.T. 0.05 min
Lab File: BN000524.D
Acq: 21 Mar 2018 17:35

Instrument :
BNA_N
ClientSampleId :

Tot Ion:117 Resp: 297262
Ion Ratio Lower Upper
117 100
201 0.0 96.1 144.1#
199 0.0 59.7 89.5#

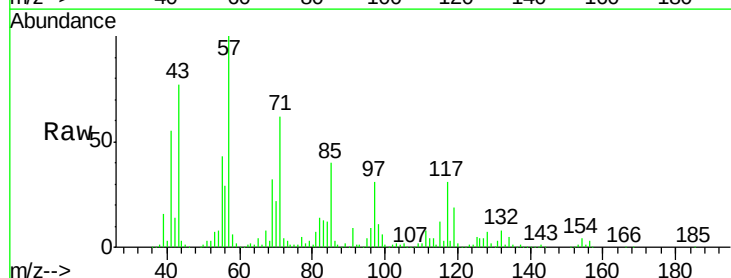


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

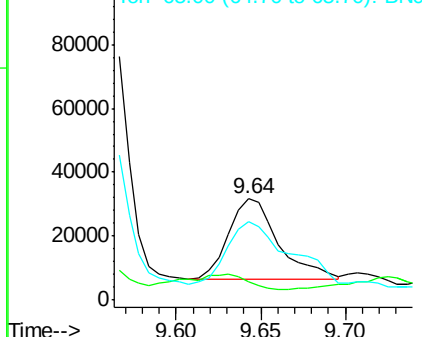
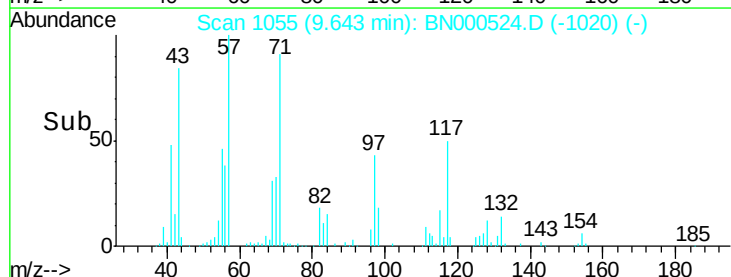


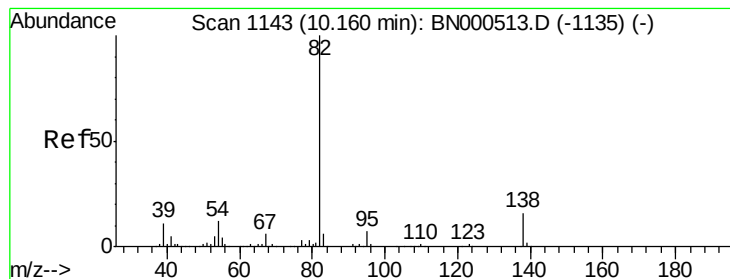
#20
Nitrobenzene
Concen: 6.351 ng/ul
RT: 9.64 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BN000524.D
Acq: 21 Mar 2018 17:35

Tgt Ion: 77 Resp: 51424
Ion Ratio Lower Upper
77 100
123 18.5 31.8 47.8#
65 78.3 10.6 16.0#



Abundance Ion 77.00 (76.70 to 77.70): BNO
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BNO





#21

Isophorone

Concen: 88.077 ng/ul

RT: 10.21 min Scan# 1151

Delta R.T. 0.05 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

ClientSampled :

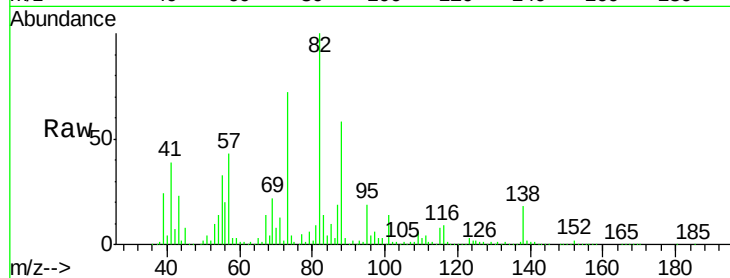
Tot Ion: 82 Resp: 1359459

Ion Ratio Lower Upper

82 100

95 19.2 6.1 9.1#

138 18.0 13.5 20.3

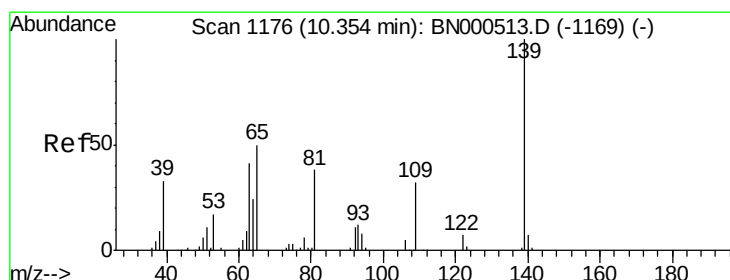
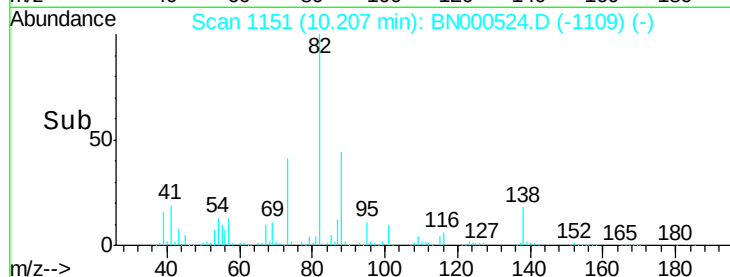


Abundance Ion 82.00 (81.70 to 82.70): BN000513.D (-1135) (-)

Ion 95.00 (94.70 to 95.70): BN000513.D (-1135) (-)

Ion 138.00 (137.70 to 138.70): BN000513.D (-1135) (-)

Time-->



#23

2-Nitrophenol

Concen: 3.820 ng/ul

RT: 10.37 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

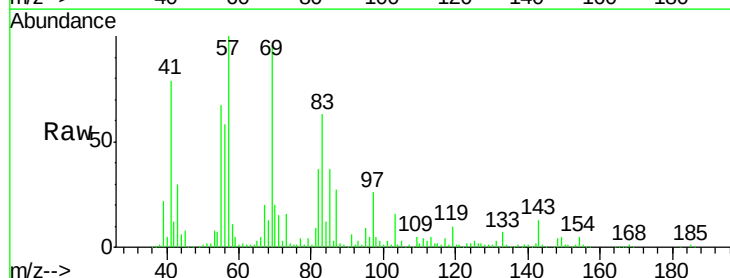
Tgt Ion:139 Resp: 13959

Ion Ratio Lower Upper

139 100

65 244.2 45.3 67.9#

109 323.6 27.7 41.5#

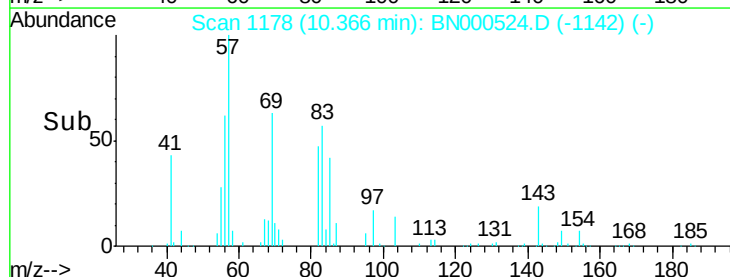


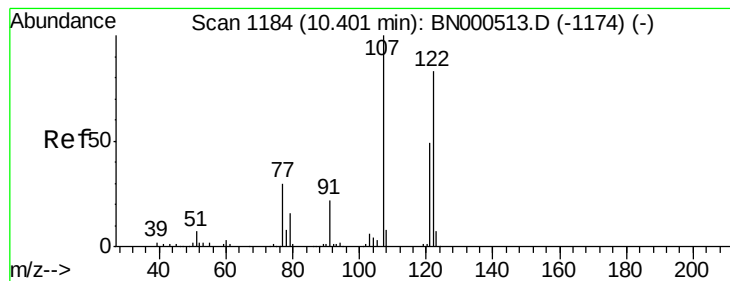
Abundance Ion 139.00 (138.70 to 139.70): BN000513.D (-1169) (-)

Ion 65.00 (64.70 to 65.70): BN000513.D (-1169) (-)

Ion 109.00 (108.70 to 109.70): BN000513.D (-1169) (-)

Time-->





#24

2,4-Dimethylphenol

Concen: 9.408 ng/ul

RT: 10.48 min Scan# 1197

Delta R.T. 0.08 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

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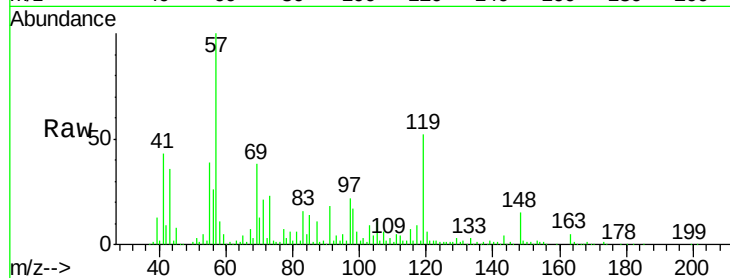
Tot Ion:107 Resp: 74062

Ion Ratio Lower Upper

107 100

121 38.3 38.1 57.1

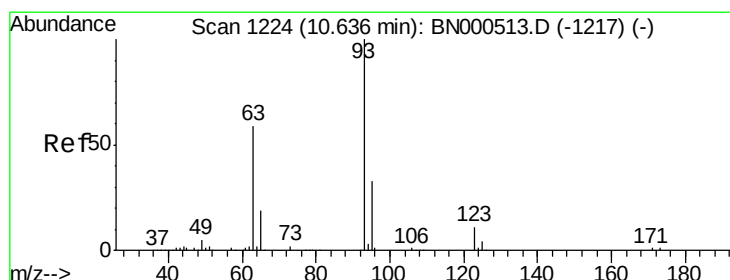
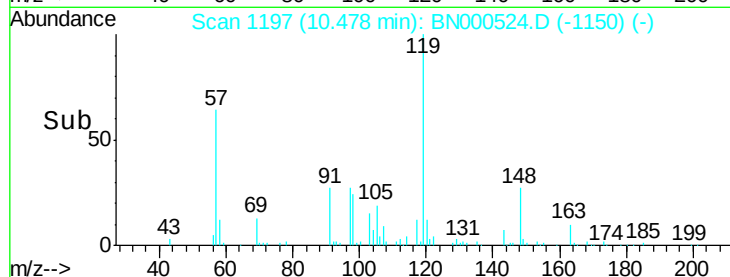
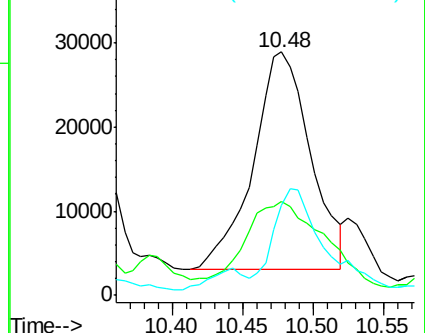
122 36.7 63.8 95.8#



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: 61.531 ng/ul

RT: 10.63 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

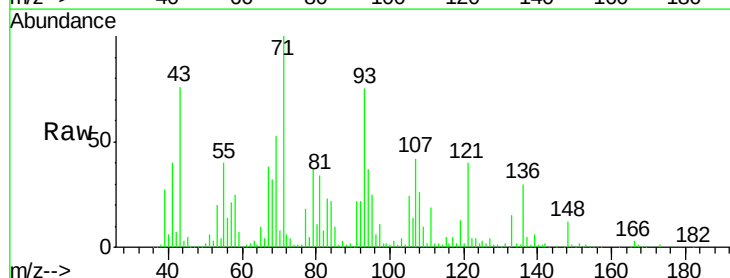
Tgt Ion: 93 Resp: 599818

Ion Ratio Lower Upper

93 100

95 33.6 24.7 37.1

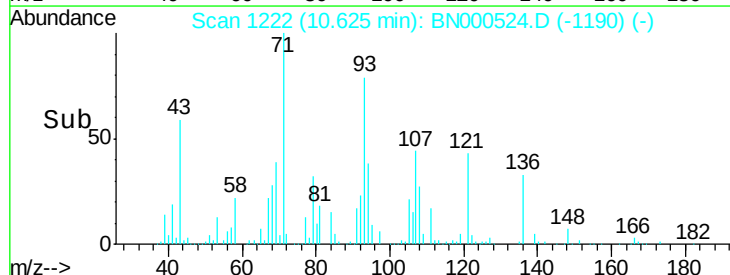
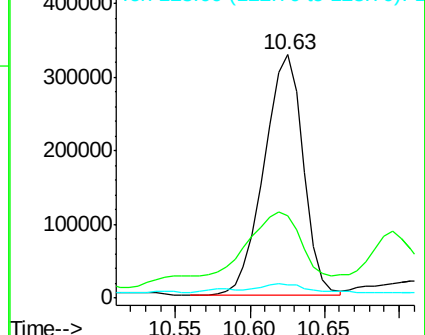
123 5.7 8.2 12.2#

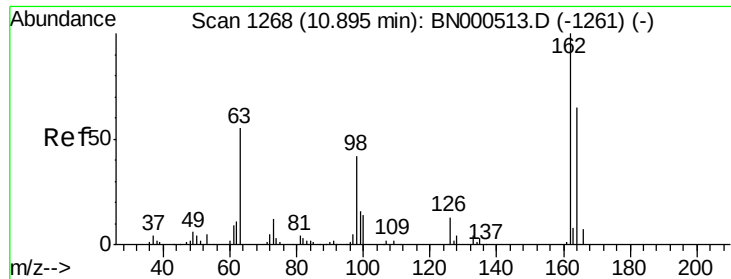


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 1.152 ng/ul

RT: 10.91 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

ClientSampled :

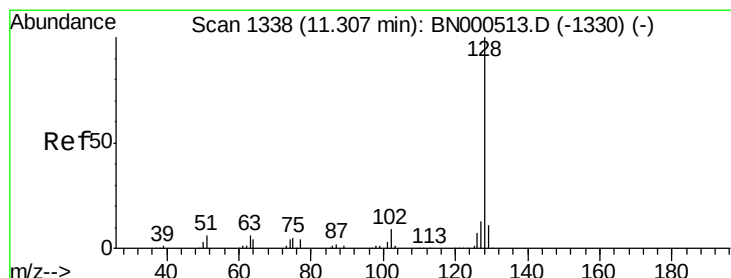
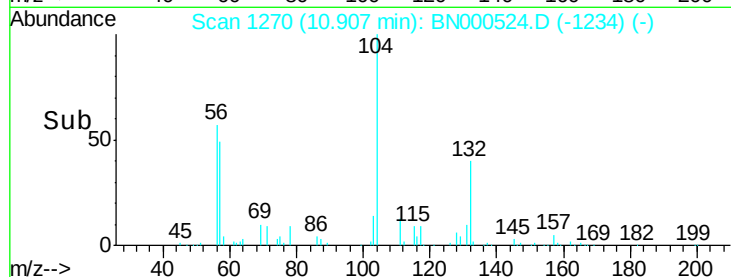
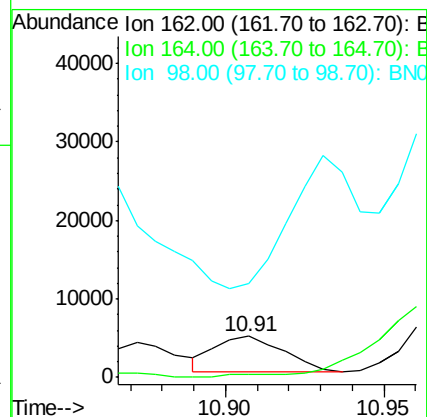
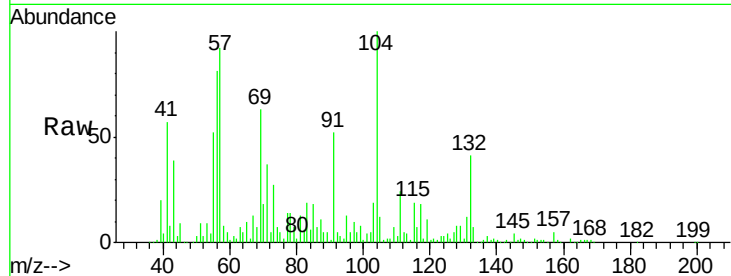
Tot Ion:162 Resp: 6811

Ion Ratio Lower Upper

162 100

164 6.5 52.0 78.0#

98 228.5 26.6 39.8#



#28

Naphthalene

Concen: 45.326 ng/ul

RT: 11.34 min Scan# 1343

Delta R.T. 0.03 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

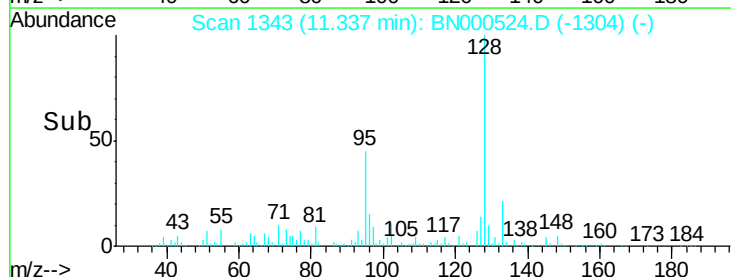
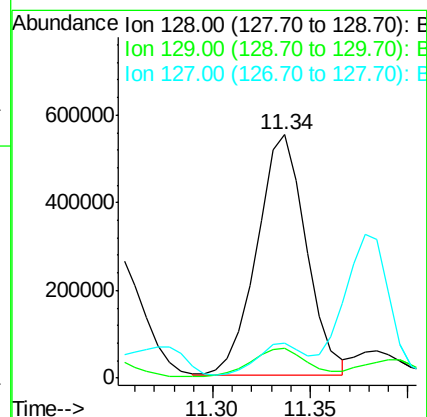
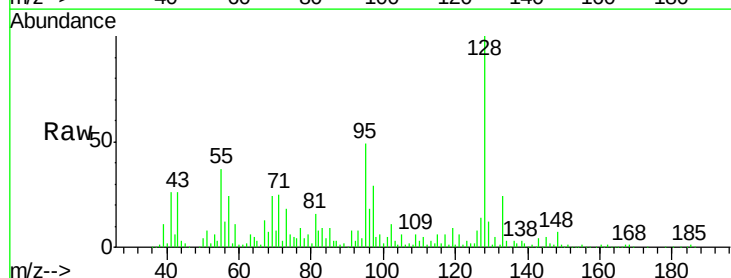
Tgt Ion:128 Resp: 961280

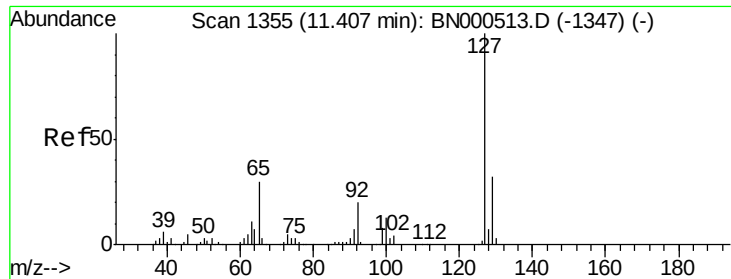
Ion Ratio Lower Upper

128 100

129 12.0 8.3 12.5

127 14.4 10.8 16.2

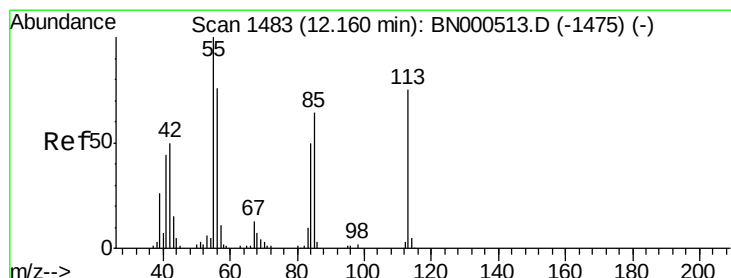
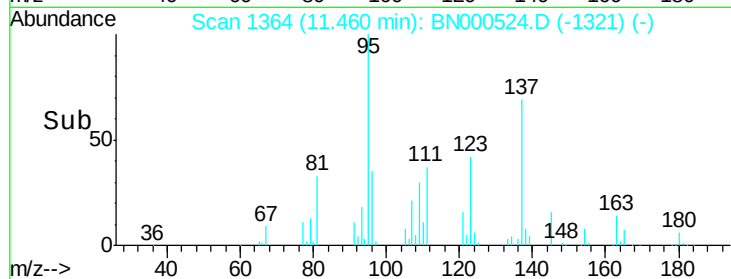
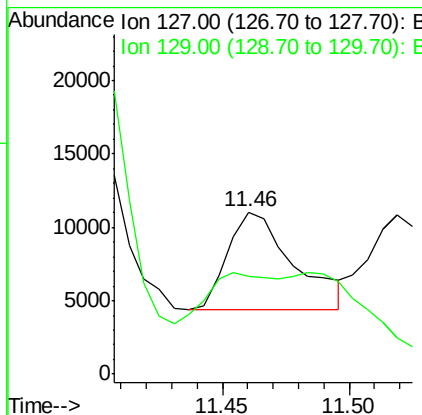
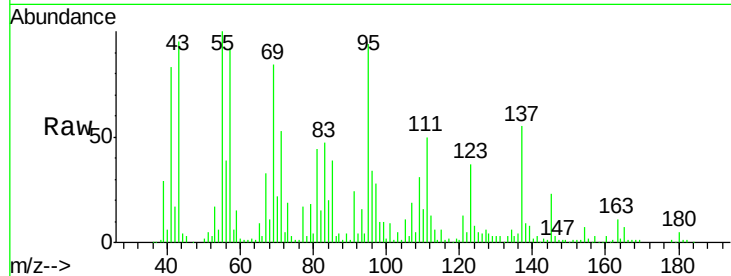




#30
4-Chloroaniline
Concen: 1.881 ng/ul
RT: 11.46 min Scan# 1364
Delta R.T. 0.05 min
Lab File: BN000524.D
Acq: 21 Mar 2018 17:35

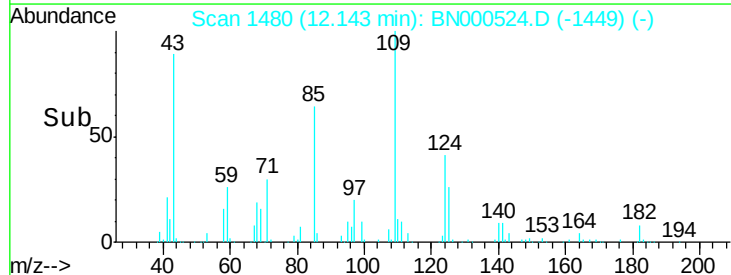
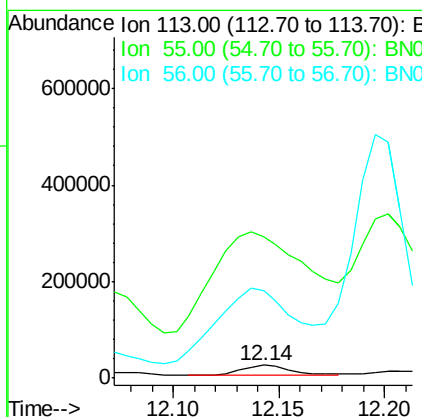
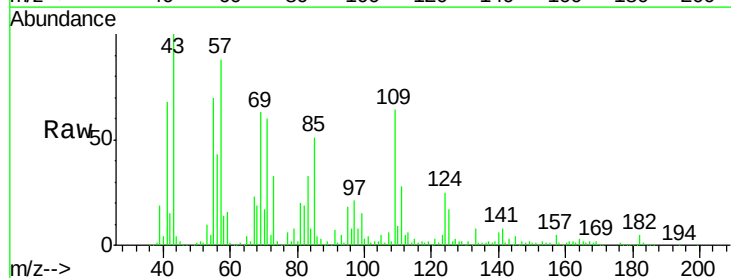
Instrument :
BNA_N
ClientSampleId :

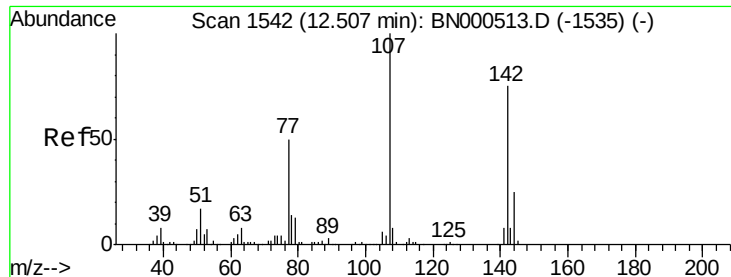
Tot Ion:127 Resp: 11937
Ion Ratio Lower Upper
127 100
129 60.4 24.6 37.0#



#32
Caprolactam
Concen: 17.722 ng/ul
RT: 12.14 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BN000524.D
Acq: 21 Mar 2018 17:35

Tgt Ion:113 Resp: 38299
Ion Ratio Lower Upper
113 100
55 1104.3 131.7 197.5#
56 679.1 92.7 139.1#

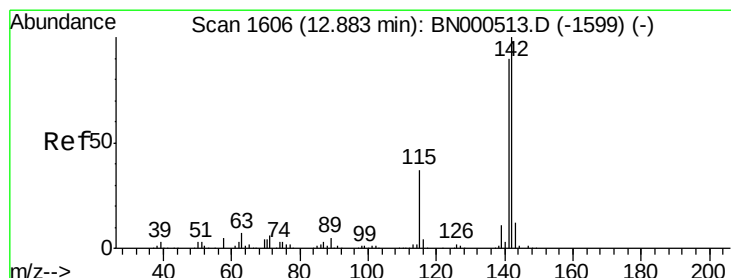
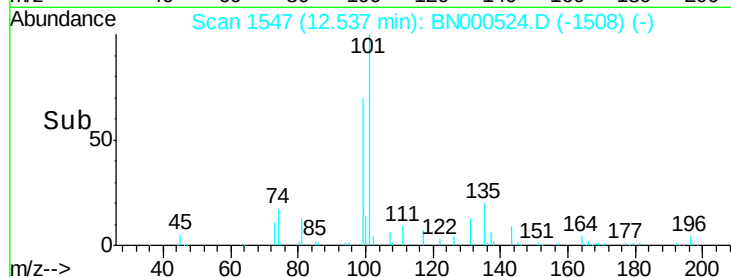
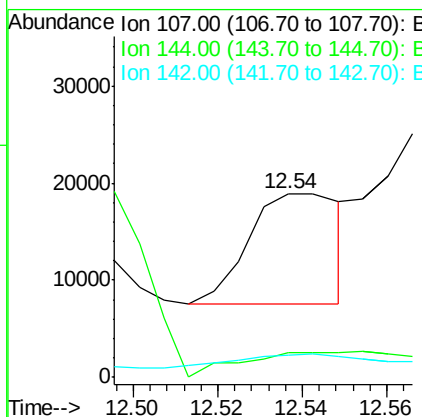
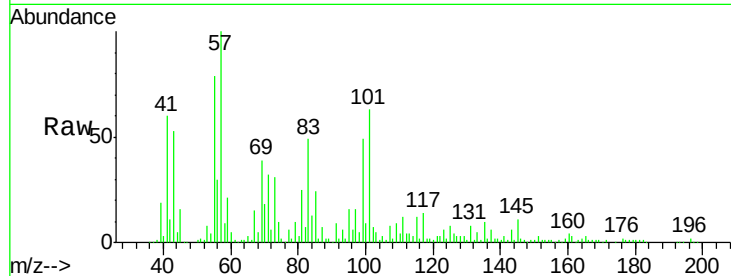




#33
 4-Chloro-3-methylphenol
 Concen: 2.485 ng/ul
 RT: 12.54 min Scan# 1547
 Delta R.T. 0.03 min
 Lab File: BN000524.D
 Acq: 21 Mar 2018 17:35

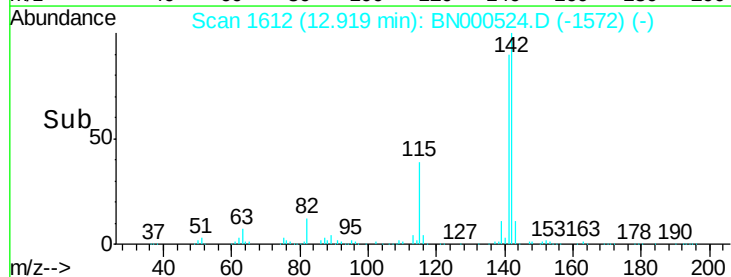
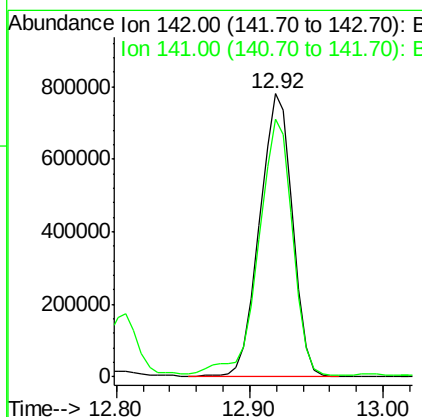
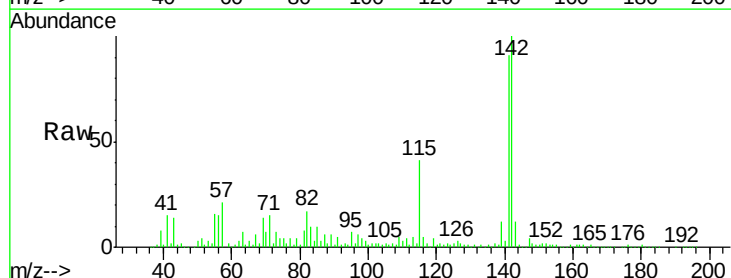
Instrument :
 BNA_N
 ClientSampleId :

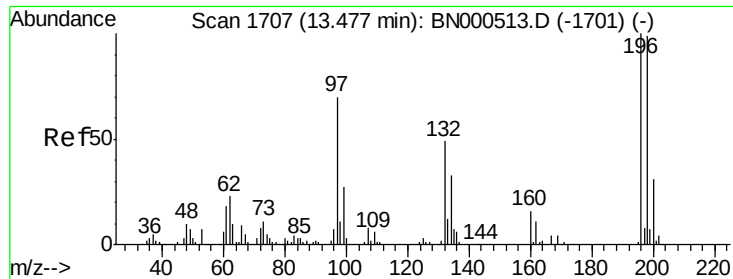
Tot Ion:107 Resp: 17269
 Ion Ratio Lower Upper
 107 100
 144 13.1 21.1 31.7#
 142 11.9 60.1 90.1#



#34
 2-Methylnaphthalene
 Concen: 93.433 ng/ul
 RT: 12.92 min Scan# 1612
 Delta R.T. 0.04 min
 Lab File: BN000524.D
 Acq: 21 Mar 2018 17:35

Tgt Ion:142 Resp: 1322944
 Ion Ratio Lower Upper
 142 100
 141 91.0 71.4 107.2

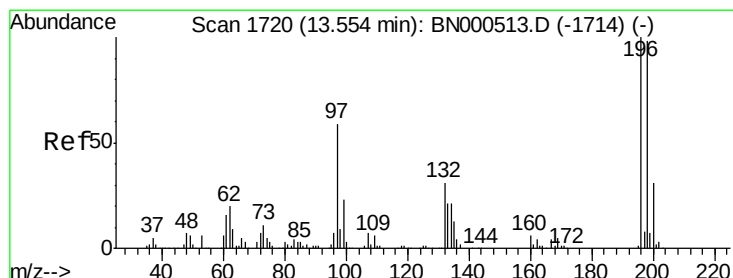
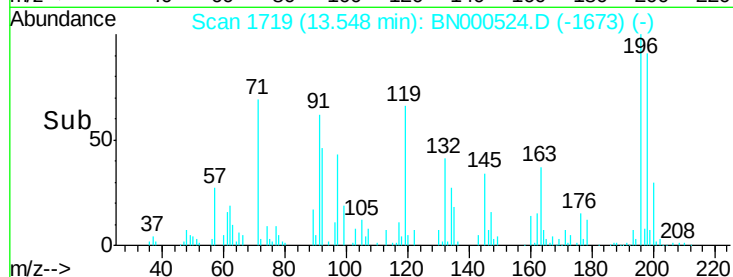
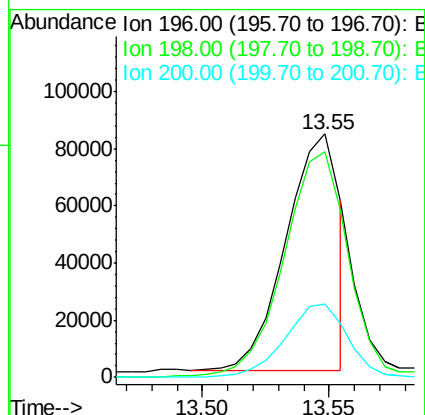
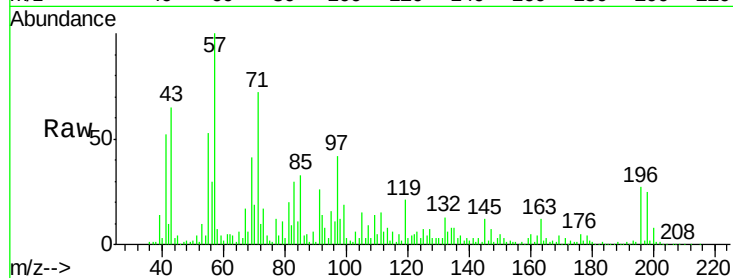




#38
2,4,6-Trichlorophenol
Concen: 25.567 ng/ul
RT: 13.55 min Scan# 1719
Delta R.T. 0.07 min
Lab File: BN000524.D
Acq: 21 Mar 2018 17:35

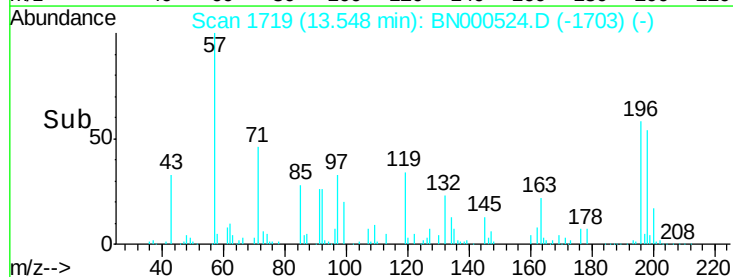
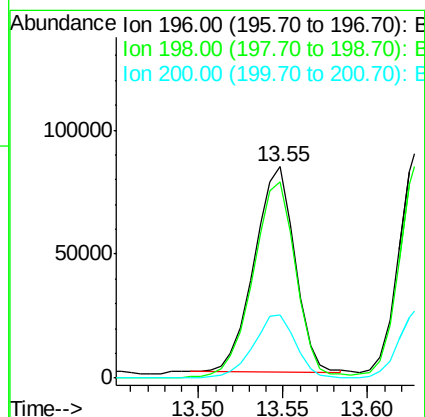
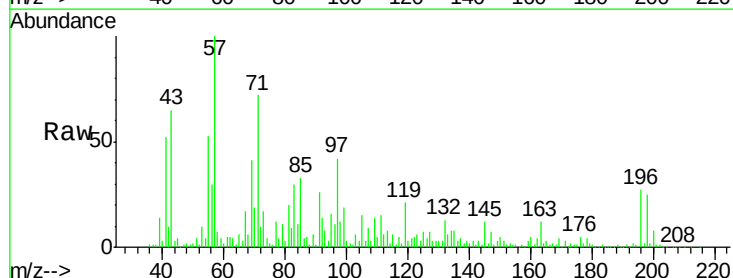
Instrument :
BNA_N
ClientSampled :

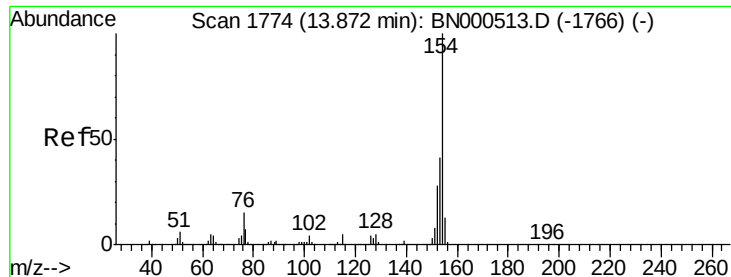
Tot Ion:196 Resp: 121379
Ion Ratio Lower Upper
196 100
198 92.8 75.9 113.9
200 30.2 25.8 38.6



#39
2,4,5-Trichlorophenol
Concen: 27.927 ng/ul
RT: 13.55 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BN000524.D
Acq: 21 Mar 2018 17:35

Tgt Ion:196 Resp: 138244
Ion Ratio Lower Upper
196 100
198 92.8 74.7 112.1
200 30.2 25.4 38.0





#40

1,1'-Biphenyl

Concen: 5.890 ng/ul

RT: 13.90 min Scan# 1778

Delta R.T. 0.02 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

ClientSampled :

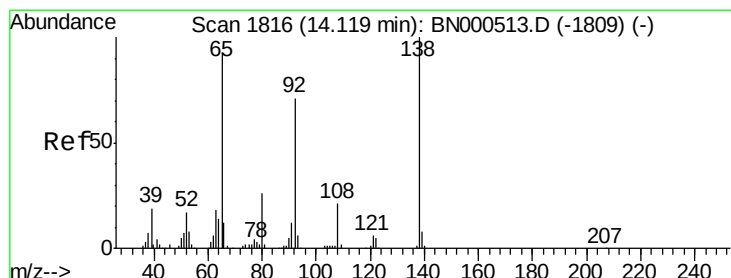
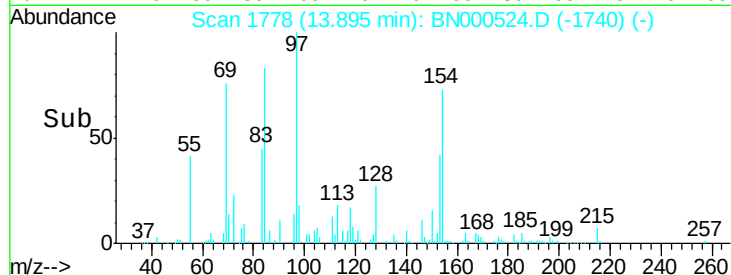
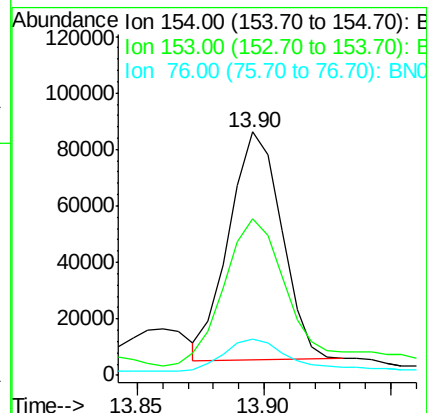
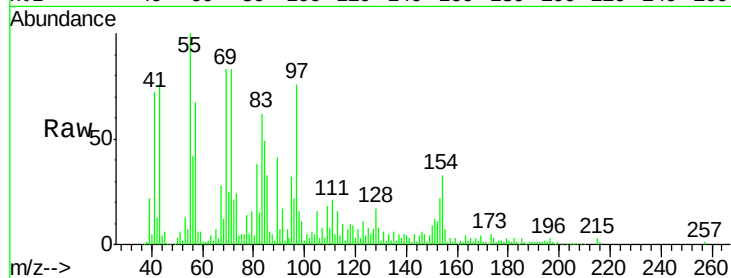
Tot Ion:154 Resp: 116813

Ion Ratio Lower Upper

154 100

153 64.5 34.0 51.0#

76 14.9 8.4 12.6#



#42

2-Nitroaniline

Concen: 9.372 ng/ul

RT: 14.11 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

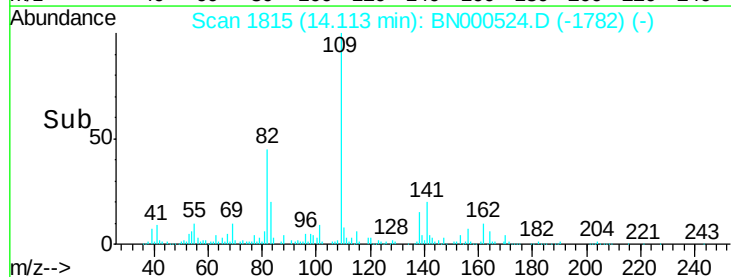
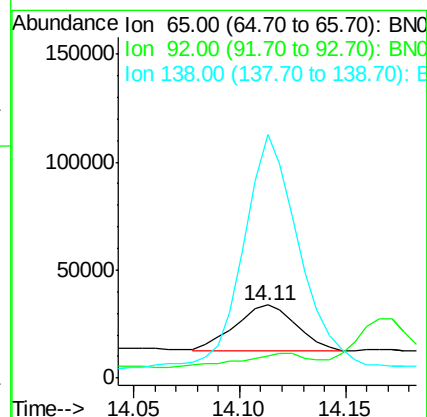
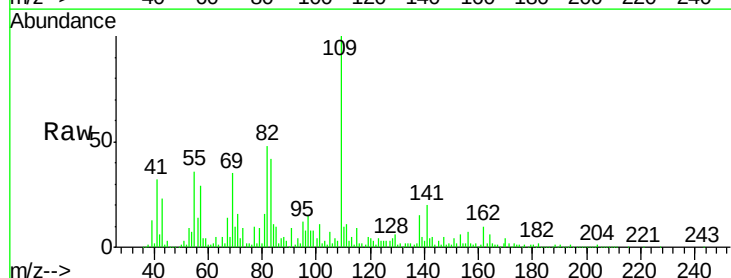
Tgt Ion: 65 Resp: 43410

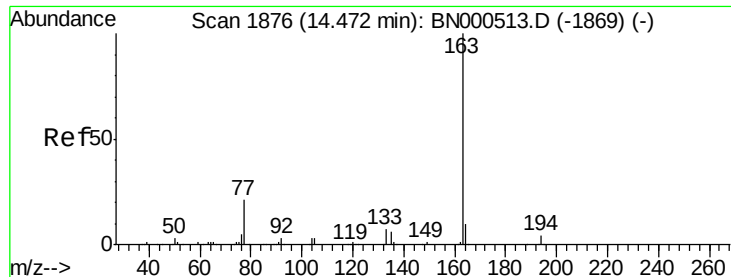
Ion Ratio Lower Upper

65 100

92 30.6 57.0 85.4#

138 332.3 87.2 130.8#





#44

Dimethylphthalate

Concen: 2.380 ng/ul

RT: 14.50 min Scan# 1880

Delta R.T. 0.02 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

ClientSampleId :

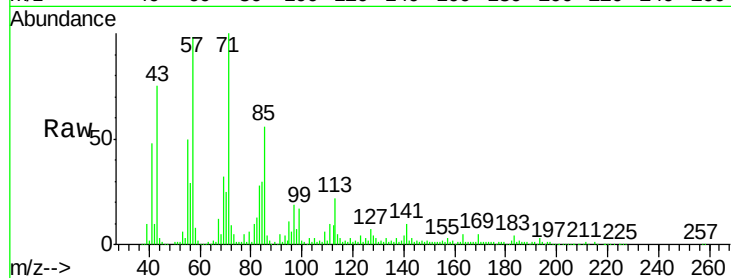
Tot Ion:163 Resp: 43321

Ion Ratio Lower Upper

163 100

194 22.1 4.0 6.0#

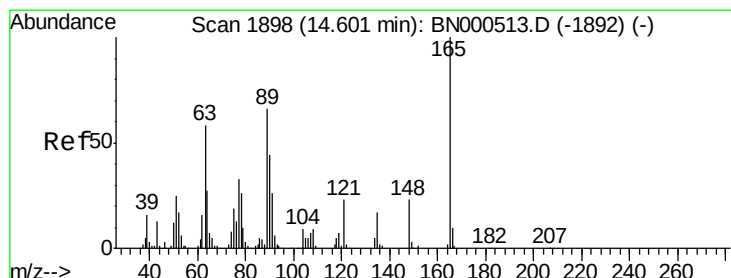
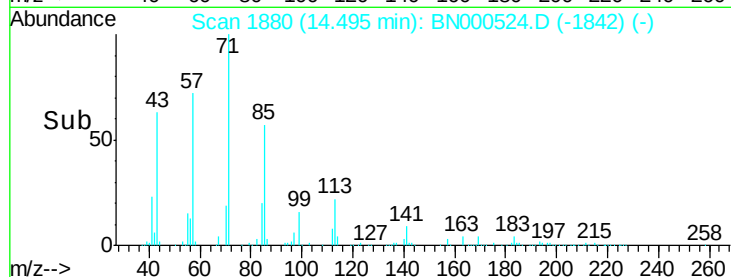
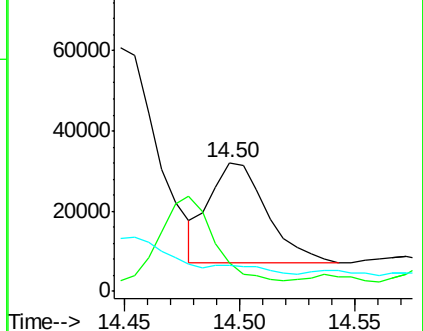
164 19.8 8.4 12.6#



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: 10.016 ng/ul

RT: 14.66 min Scan# 1908

Delta R.T. 0.06 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

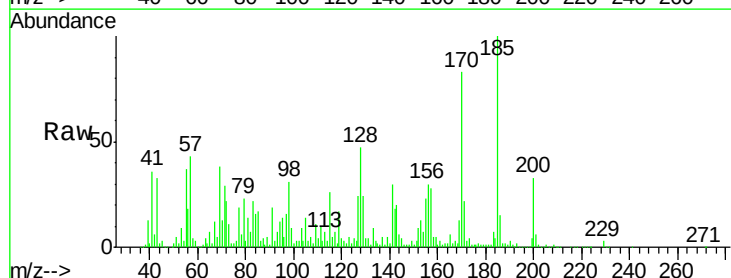
Tgt Ion:165 Resp: 36744

Ion Ratio Lower Upper

165 100

89 77.1 43.8 65.8#

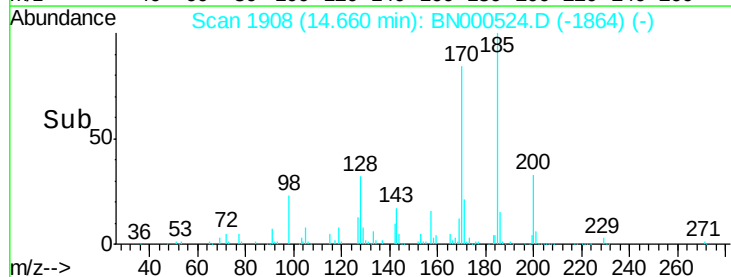
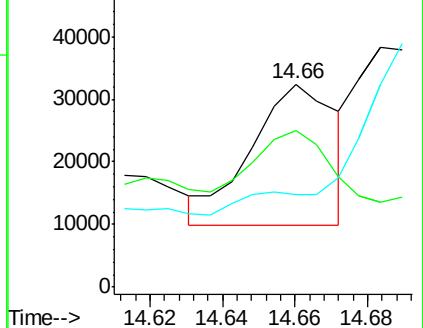
121 45.3 17.8 26.6#

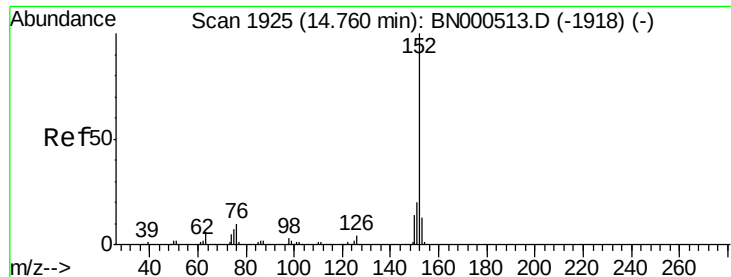


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 1.357 ng/ul

RT: 14.78 min Scan# 1929

Delta R.T. 0.02 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

ClientSampleId :

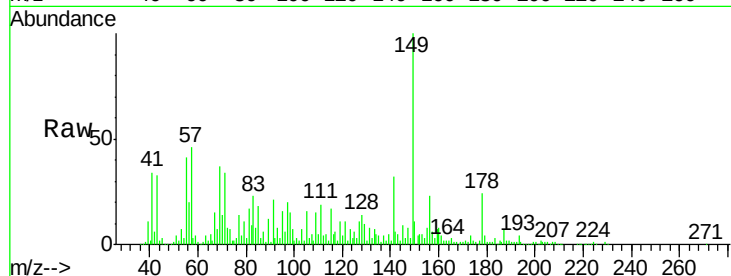
Tot Ion:152 Resp: 32289

Ion Ratio Lower Upper

152 100

151 81.4 16.1 24.1#

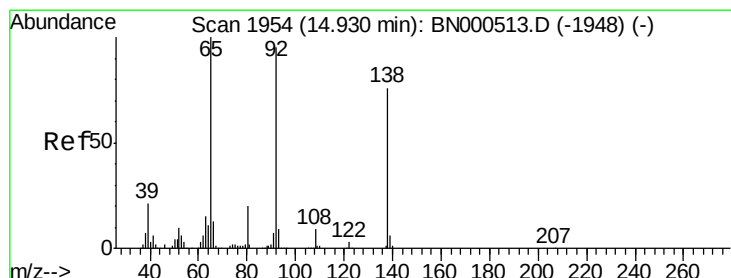
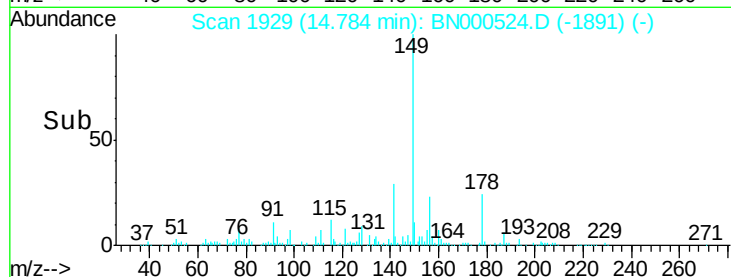
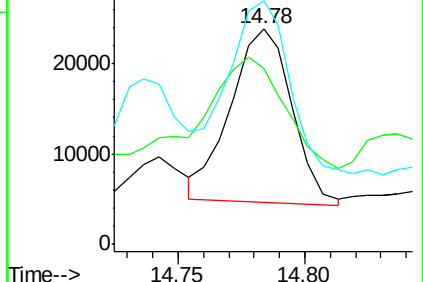
153 112.9 10.8 16.2#



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: 7.182 ng/ul

RT: 14.95 min Scan# 1957

Delta R.T. 0.02 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

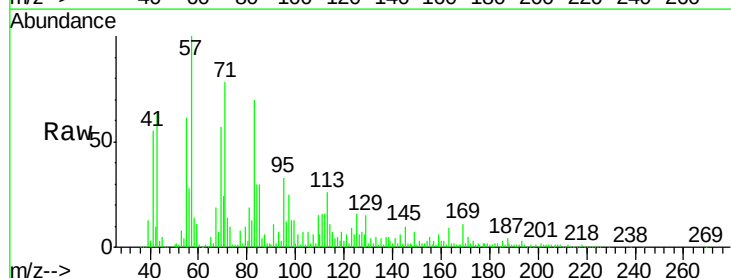
Tgt Ion:138 Resp: 25440

Ion Ratio Lower Upper

138 100

108 45.2 7.6 11.4#

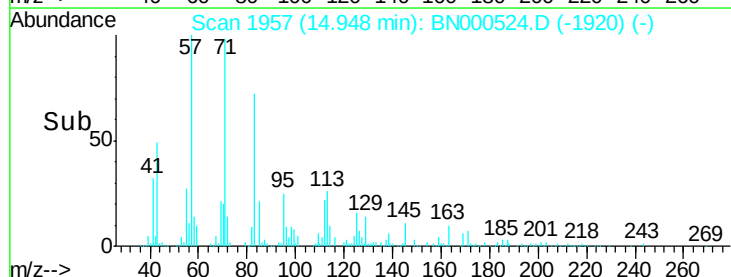
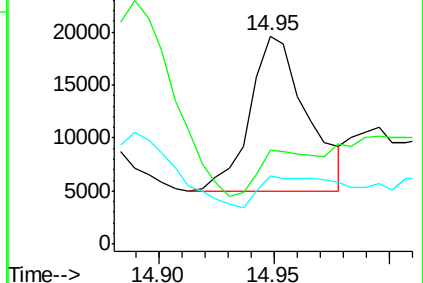
92 33.1 94.2 141.2#

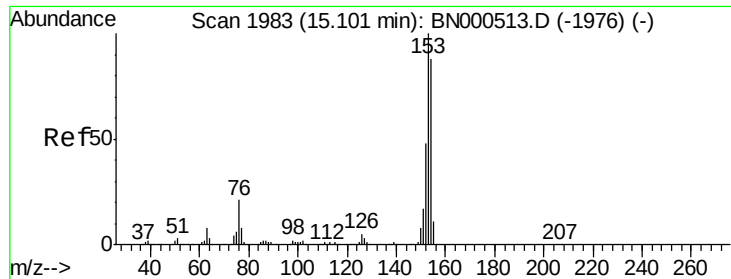


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#49

Acenaphthene

Concen: 3.911 ng/ul

RT: 15.12 min Scan# 1987

Delta R.T. 0.02 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

ClientSampleId :

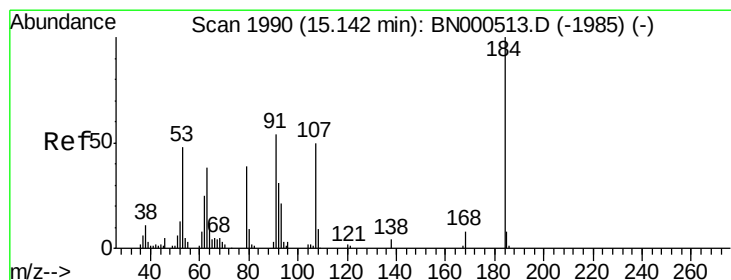
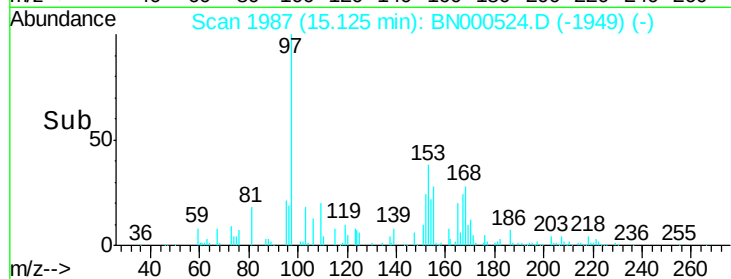
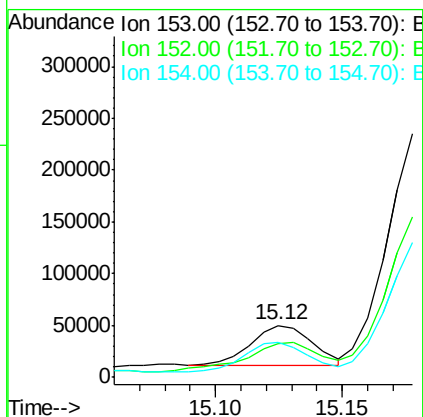
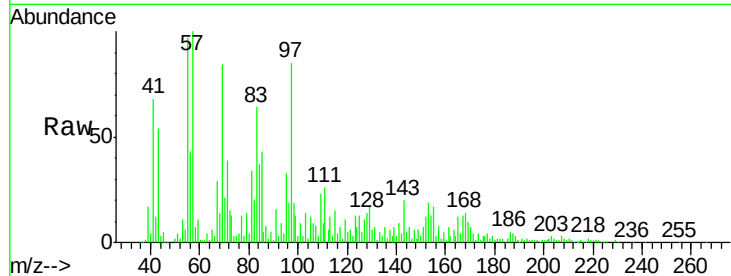
Tot Ion:153 Resp: 63434

Ion Ratio Lower Upper

153 100

152 65.3 37.9 56.9#

154 66.0 69.8 104.6#



#50

2,4-Dinitrophenol

Concen: 21.635 ng/ul

RT: 15.17 min Scan# 1995

Delta R.T. 0.03 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

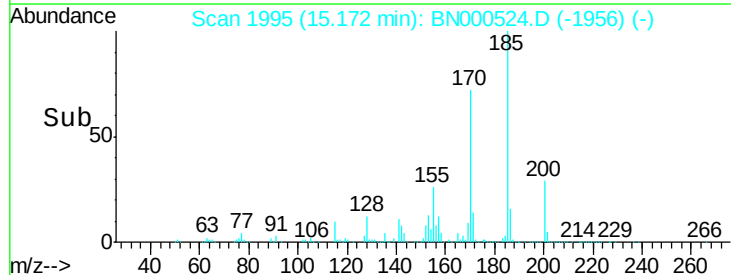
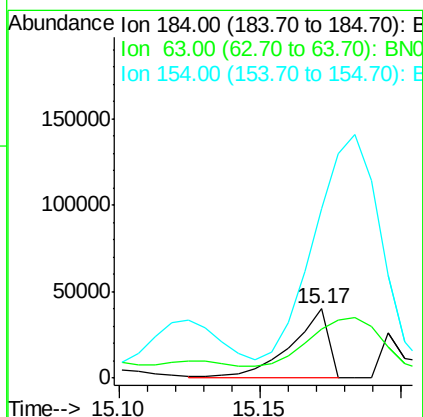
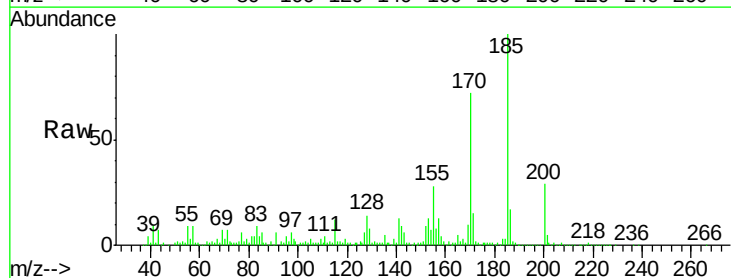
Tgt Ion:184 Resp: 37445

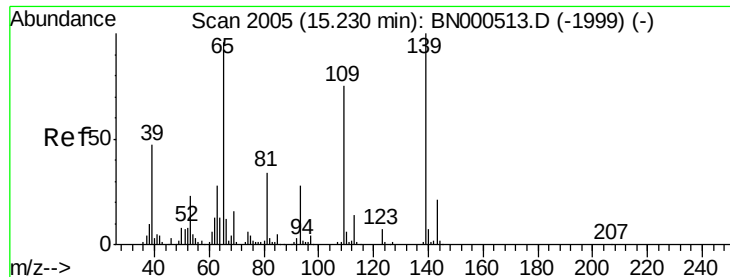
Ion Ratio Lower Upper

184 100

63 70.8 39.7 59.5#

154 245.2 45.0 67.6#

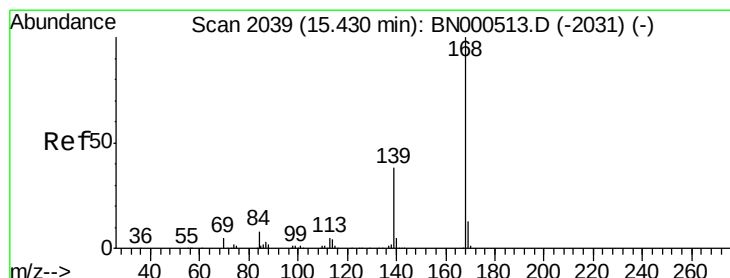
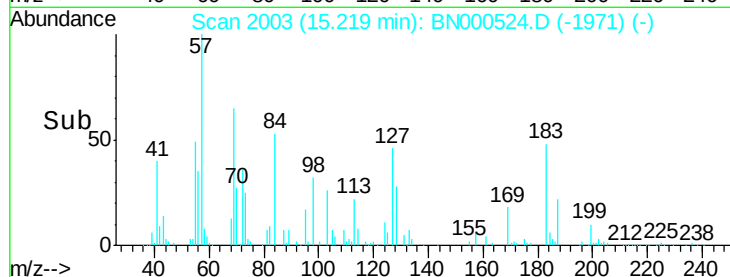
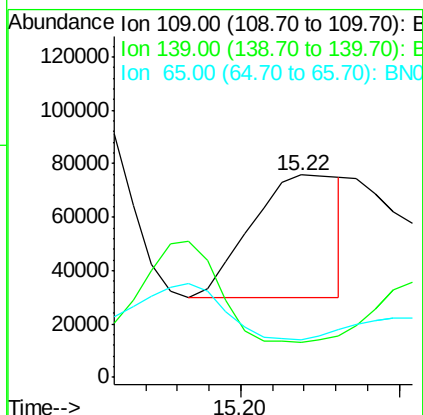
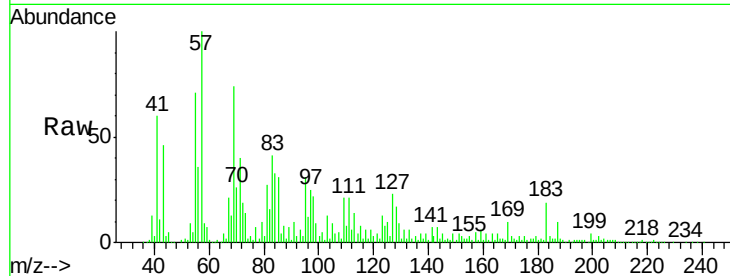




#52
4-Nitrophenol
Concen: 33.930 ng/ul
RT: 15.22 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BN000524.D
Acq: 21 Mar 2018 17:35

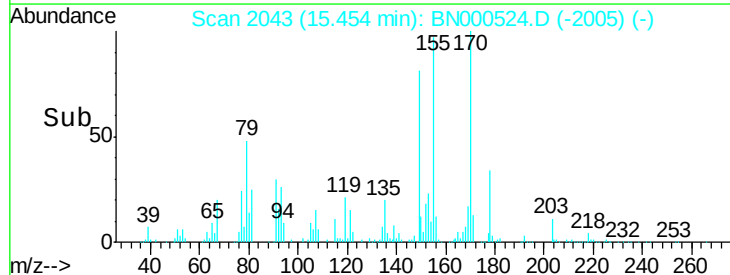
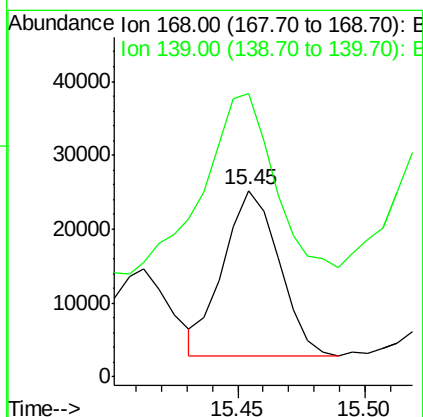
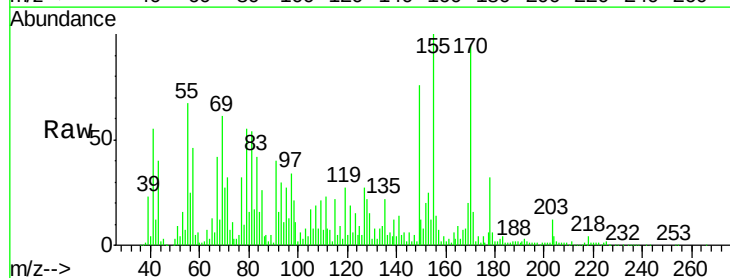
Instrument :
BNA_N
ClientSampled :

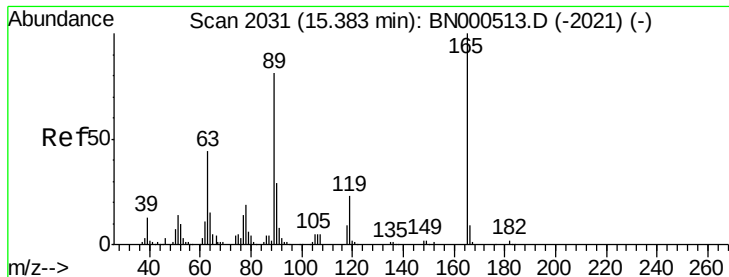
Tot Ion:109 Resp: 89611
Ion Ratio Lower Upper
109 100
139 17.5 91.2 136.8#
65 18.5 92.6 139.0#



#53
Dibenzofuran
Concen: 1.544 ng/ul
RT: 15.45 min Scan# 2043
Delta R.T. 0.02 min
Lab File: BN000524.D
Acq: 21 Mar 2018 17:35

Tgt Ion:168 Resp: 34011
Ion Ratio Lower Upper
168 100
139 151.9 31.0 46.4#





#54

2,4-Dinitrotoluene

Concen: 2.000 ng/ul

RT: 15.40 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

ClientSampleId :

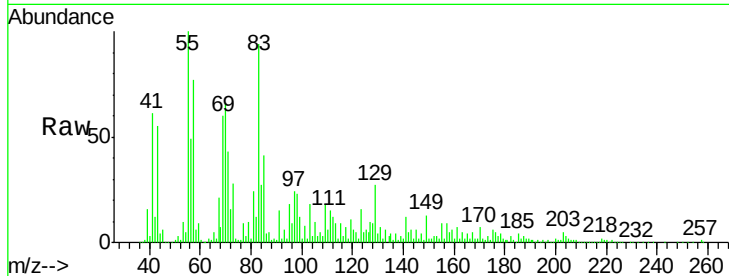
Tot Ion:165 Resp: 10404

Ion Ratio Lower Upper

165 100

63 38.6 31.4 47.0

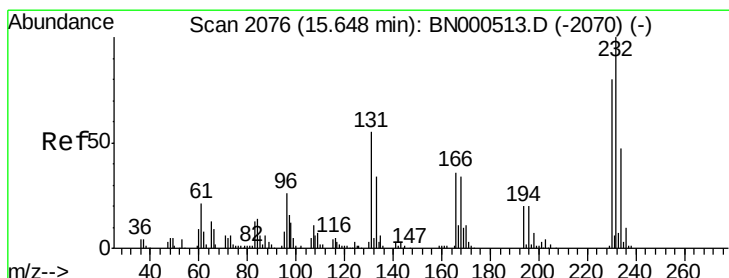
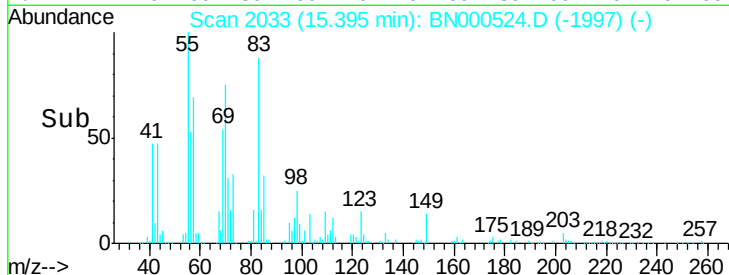
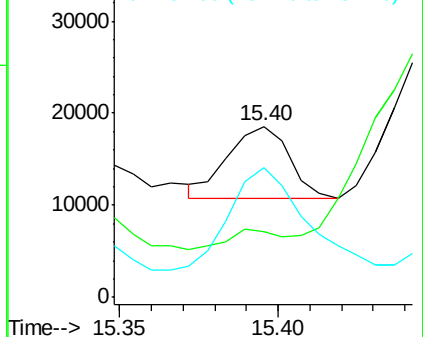
182 76.4 2.7 4.1#



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: 258.210 ng/ul

RT: 15.61 min Scan# 2070

Delta R.T. -0.03 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Tgt Ion:232 Resp: 976062

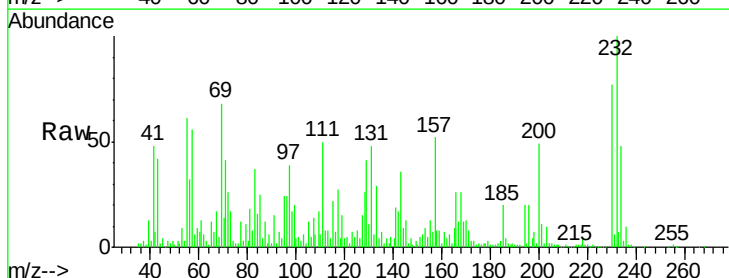
Ion Ratio Lower Upper

232 100

131 47.8 48.0 72.0#

130 11.0 4.0 6.0#

166 26.5 32.0 48.0#

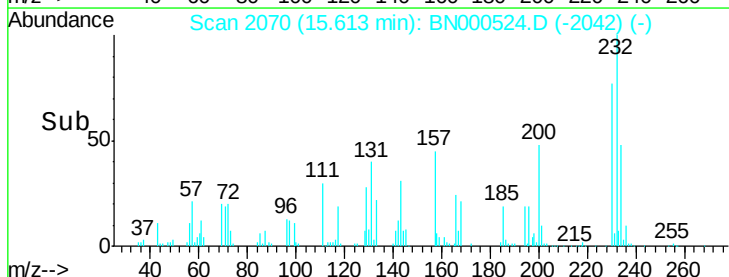
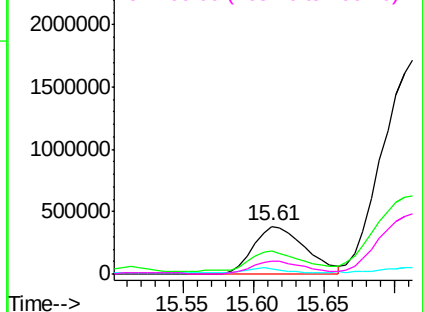


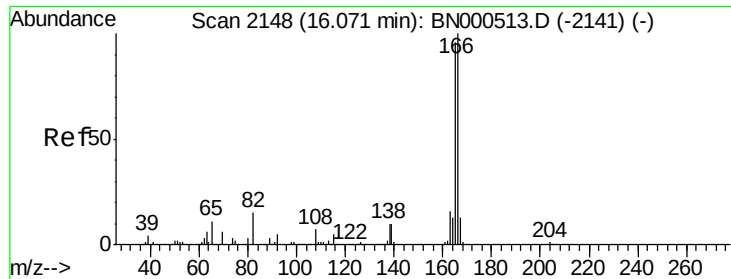
Abundance Ion 232.00 (231.70 to 232.70): E

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: 5.217 ng/ul

RT: 16.11 min Scan# 2154

Delta R.T. 0.04 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

ClientSampled :

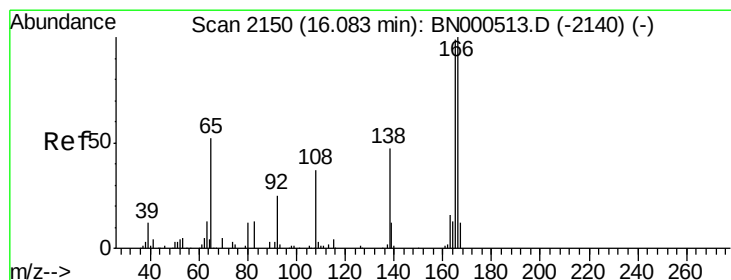
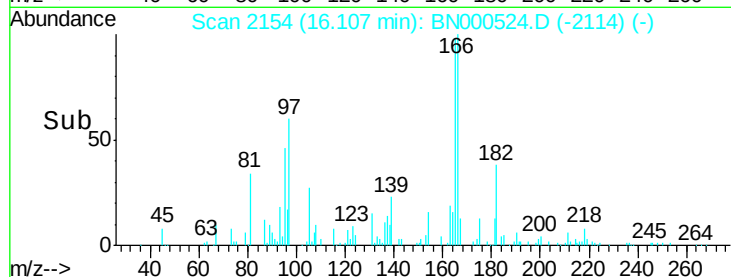
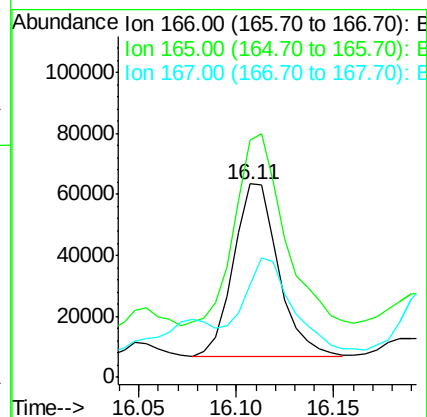
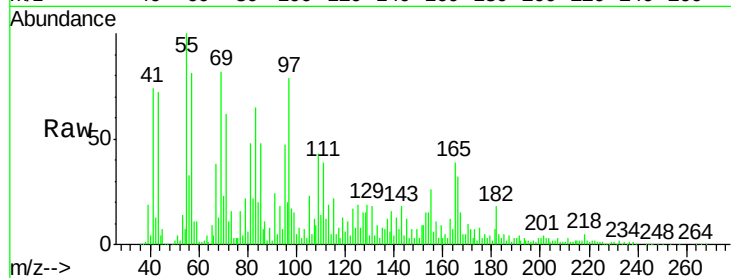
Tot Ion:166 Resp: 91317

Ion Ratio Lower Upper

166 100

165 122.4 78.4 117.6#

167 47.9 11.1 16.7#



#60

4-Nitroaniline

Concen: 1.499 ng/ul

RT: 16.10 min Scan# 2152

Delta R.T. 0.01 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

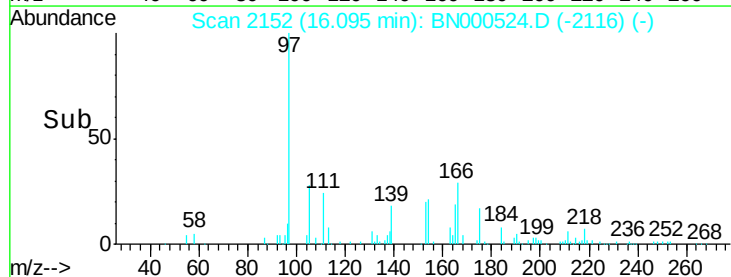
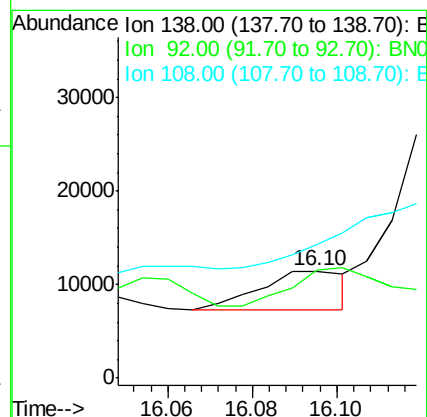
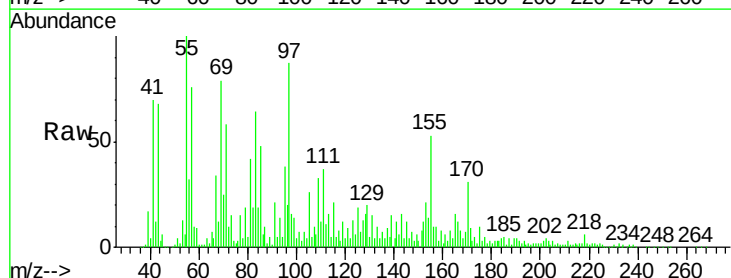
Tgt Ion:138 Resp: 5965

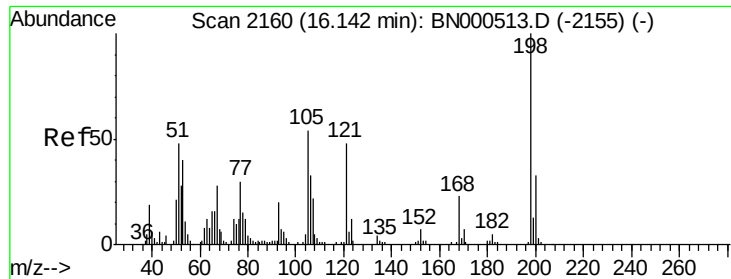
Ion Ratio Lower Upper

138 100

92 100.7 38.2 57.4#

108 124.2 70.0 105.0#

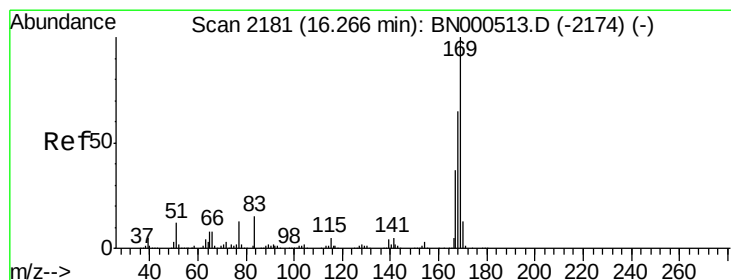
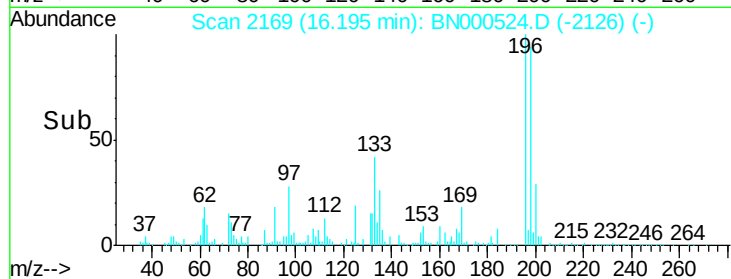
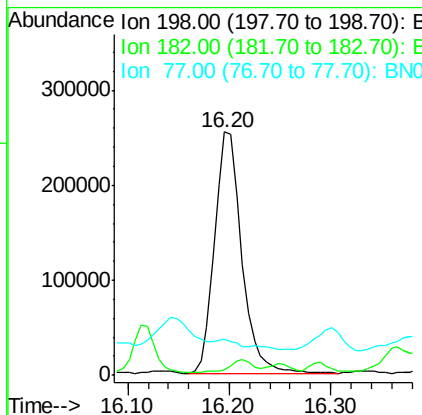
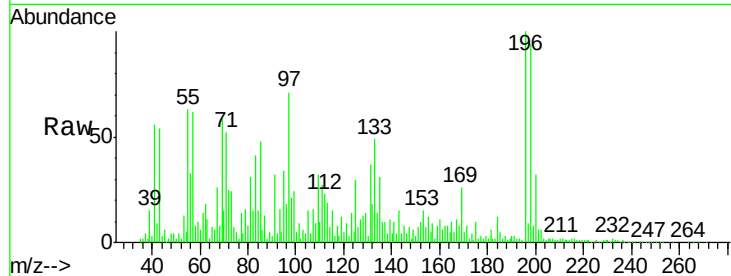




#63
 4,6-Dinitro-2-methylphenol
 Concen: 37446.111 ng/ul
 RT: 16.20 min Scan# 2169
 Delta R.T. 0.05 min
 Lab File: BN000524.D
 Acq: 21 Mar 2018 17:35

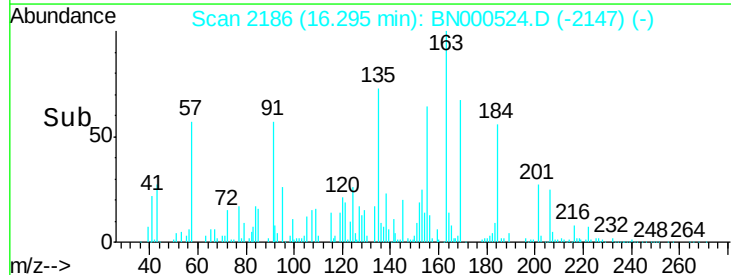
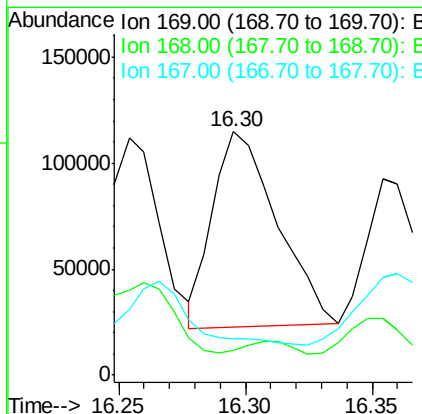
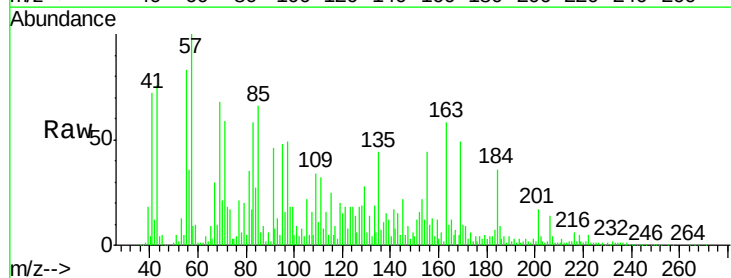
Instrument :
 BNA_N
 ClientSampleId :

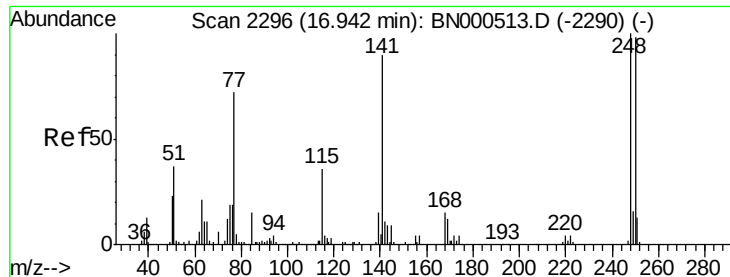
Tot Ion:198 Resp: 474322
 Ion Ratio Lower Upper
 198 100
 182 2.5 3.5 5.3#
 77 15.0 18.2 27.4#



#64
 N-Nitrosodiphenylamine
 Concen: 2353.711 ng/ul
 RT: 16.30 min Scan# 2186
 Delta R.T. 0.03 min
 Lab File: BN000524.D
 Acq: 21 Mar 2018 17:35

Tgt Ion:169 Resp: 162446
 Ion Ratio Lower Upper
 169 100
 168 10.4 53.8 80.8#
 167 15.1 29.5 44.3#

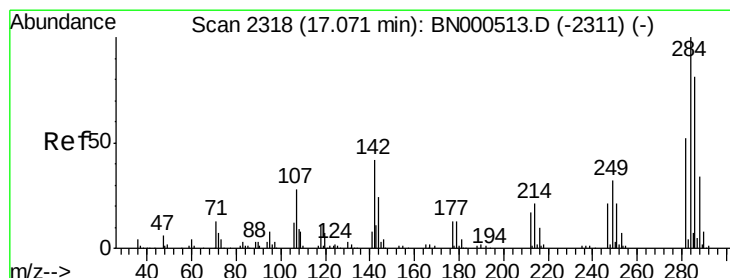
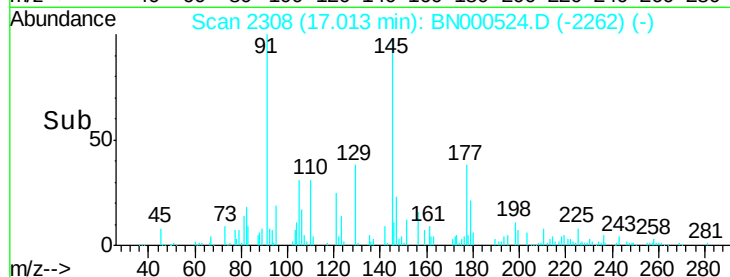
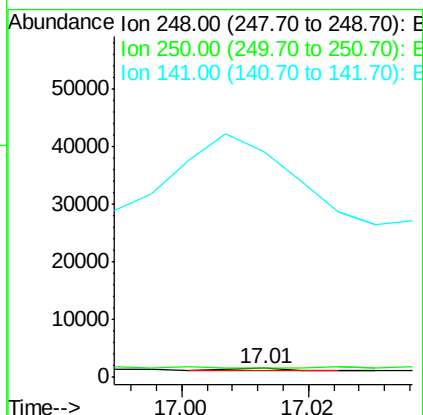
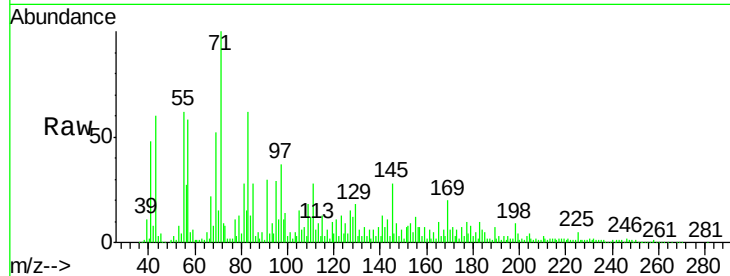




#65
4-Bromophenyl-phenylether
Concen: 13.300 ng/ul
RT: 17.01 min Scan# 2308
Delta R.T. 0.07 min
Lab File: BN000524.D
Acq: 21 Mar 2018 17:35

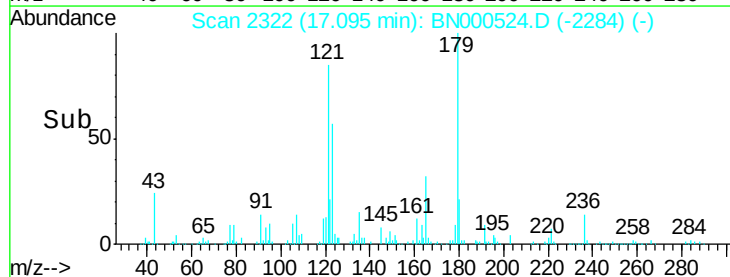
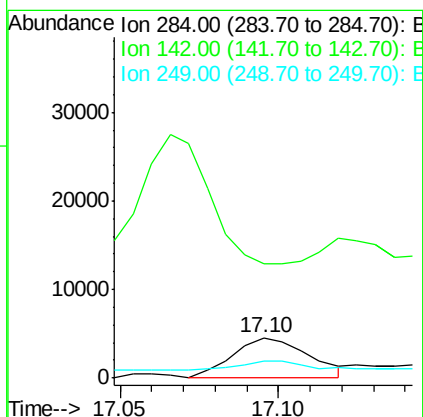
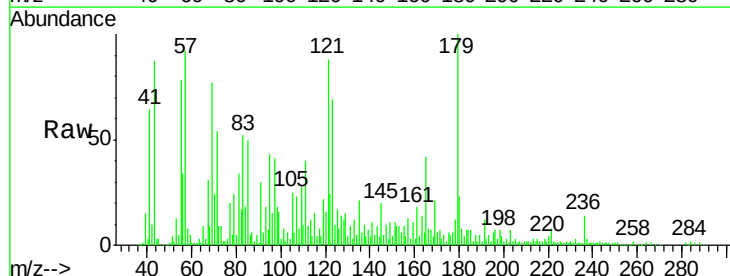
Instrument :
BNA_N
ClientSampled :

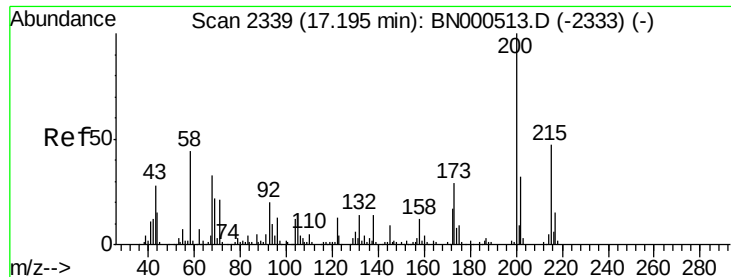
Tot Ion:248 Resp: 284
Ion Ratio Lower Upper
248 100
250 103.6 79.0 118.4
141 2556.5 51.9 77.9#



#66
Hexachlorobenzene
Concen: 333.559 ng/ul
RT: 17.10 min Scan# 2322
Delta R.T. 0.02 min
Lab File: BN000524.D
Acq: 21 Mar 2018 17:35

Tgt Ion:284 Resp: 7521
Ion Ratio Lower Upper
284 100
142 284.1 21.3 31.9#
249 43.3 26.3 39.5#

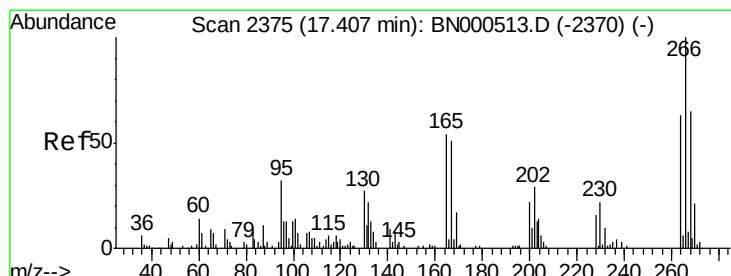
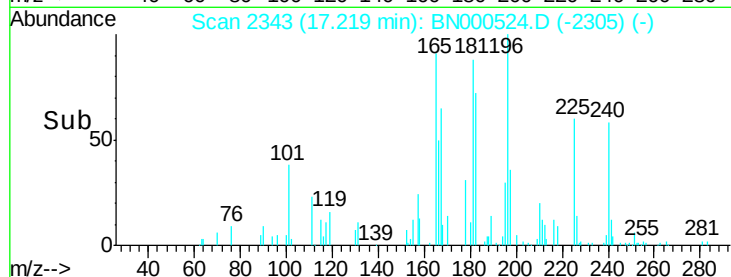
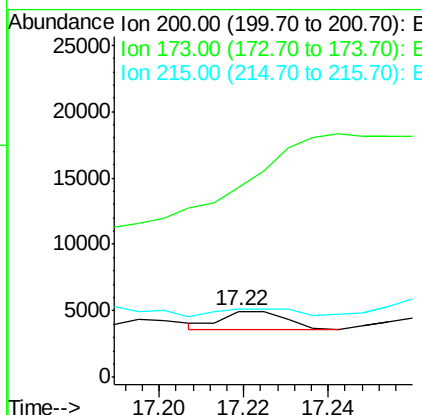
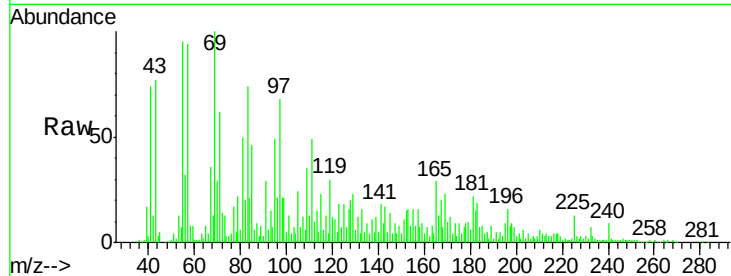




#67
 Atrazine
 Concen: 69.659 ng/ul
 RT: 17.22 min Scan# 2343
 Delta R.T. 0.02 min
 Lab File: BN000524.D
 Acq: 21 Mar 2018 17:35

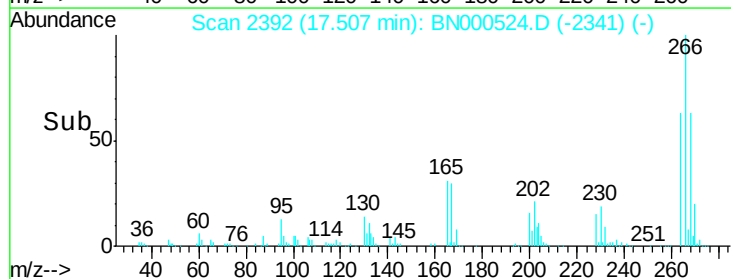
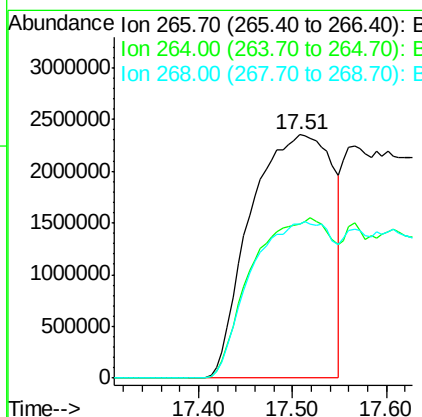
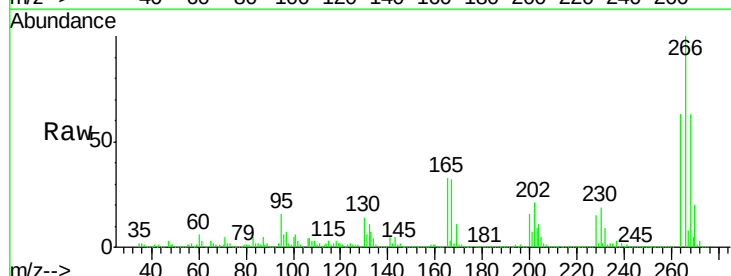
Instrument :
 BNA_N
 ClientSampled :

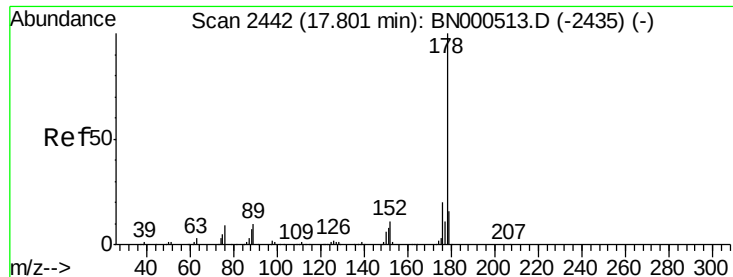
Tot Ion	Ratio	Lower	Upper
200	100		
173	289.2	20.6	31.0#
215	102.9	39.8	59.6#



#68
 Pentachlorophenol
 Concen: 1191723.271 ng/ul
 RT: 17.51 min Scan# 2392
 Delta R.T. 0.10 min
 Lab File: BN000524.D
 Acq: 21 Mar 2018 17:35

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.3	48.2	72.4
268	63.3	52.3	78.5





#69

Phenanthrene

Concen: 72.962 ng/ul

RT: 17.82 min Scan# 2446

Delta R.T. 0.02 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

ClientSampled :

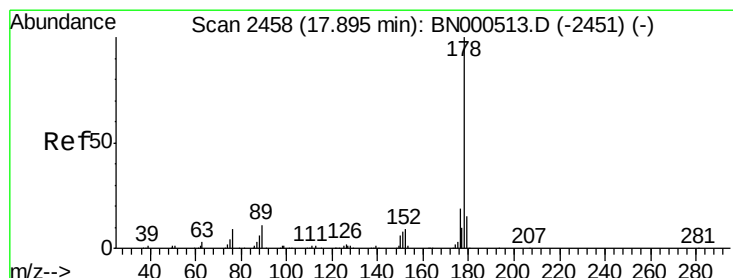
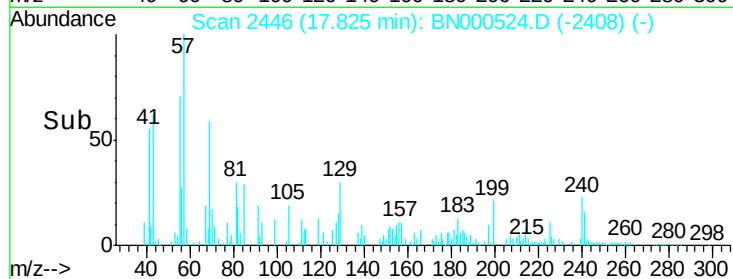
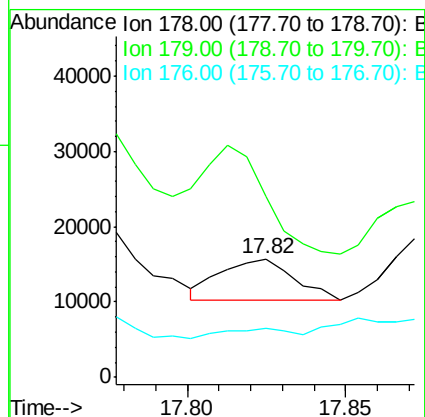
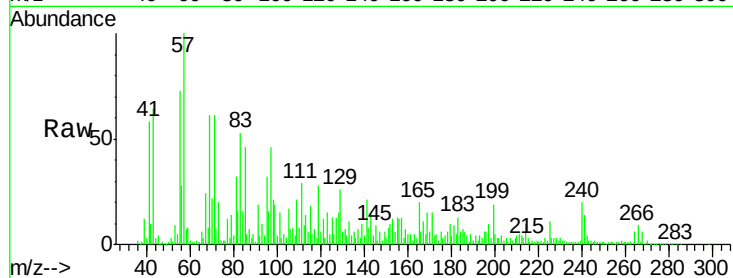
Tot Ion:178 Resp: 8806

Ion Ratio Lower Upper

178 100

179 152.4 12.3 18.5#

176 40.9 15.4 23.0#



#71

Anthracene

Concen: 1951.624 ng/ul

RT: 17.90 min Scan# 2459

Delta R.T. 0.01 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

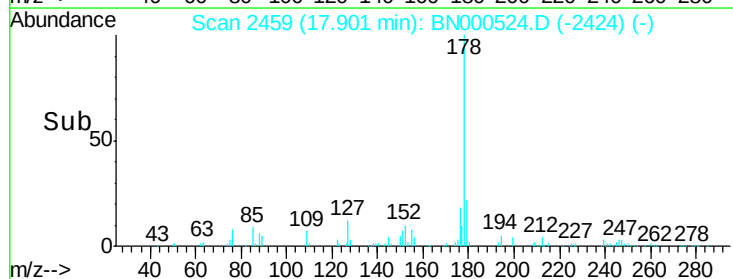
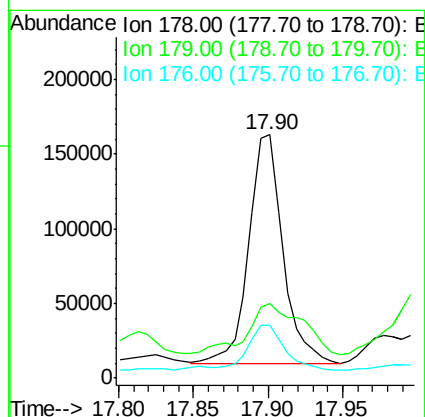
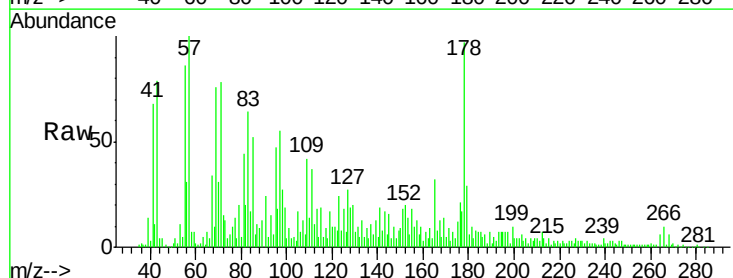
Tgt Ion:178 Resp: 241523

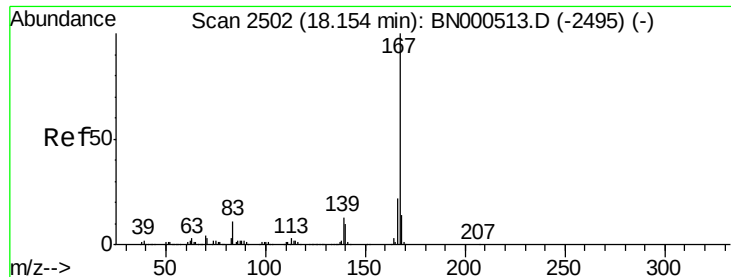
Ion Ratio Lower Upper

178 100

179 30.4 13.4 20.2#

176 21.6 15.4 23.0





#72

Carbazole

Concen: 82.488 ng/ul

RT: 18.21 min Scan# 2511

Delta R.T. 0.05 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

ClientSampleId :

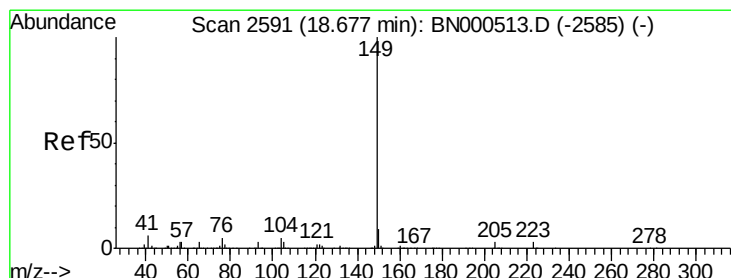
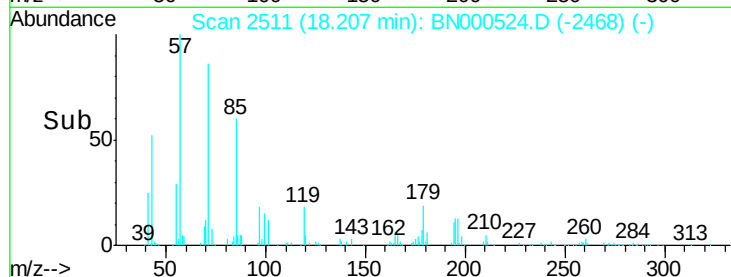
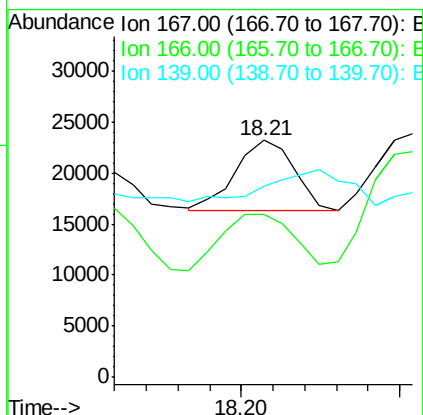
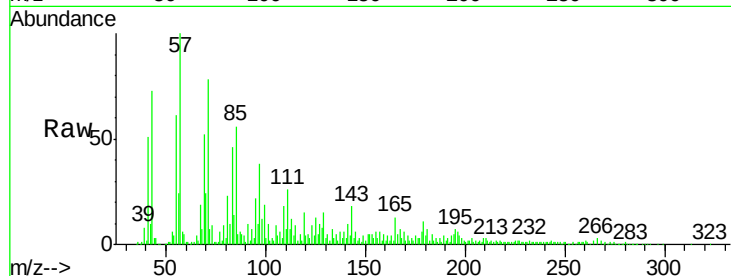
Tot Ion:167 Resp: 8754

Ion Ratio Lower Upper

167 100

166 68.9 17.0 25.4#

139 80.5 9.1 13.7#



#73

Di-n-butylphthalate

Concen: 83.101 ng/ul

RT: 18.70 min Scan# 2595

Delta R.T. 0.02 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

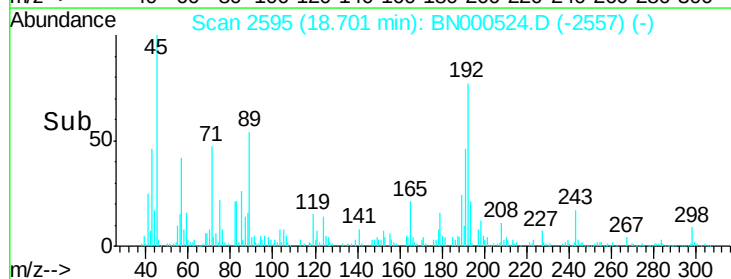
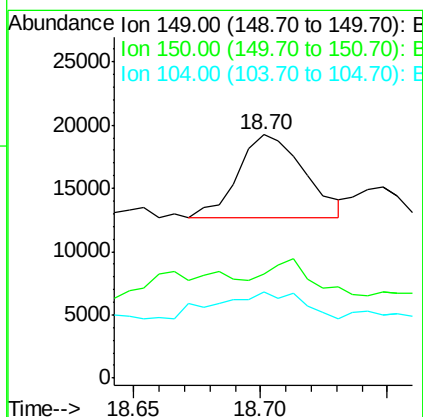
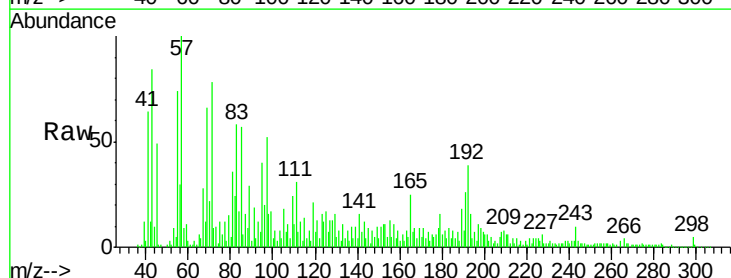
Tgt Ion:149 Resp: 11993

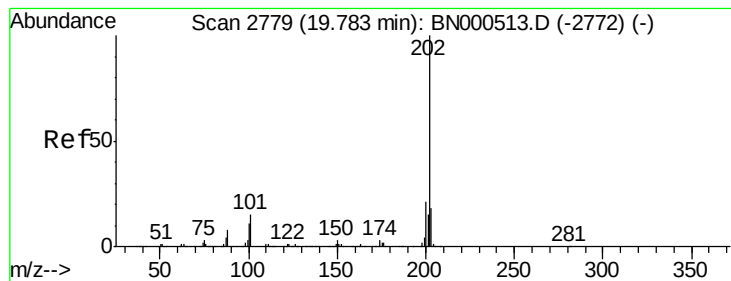
Ion Ratio Lower Upper

149 100

150 43.0 7.5 11.3#

104 35.4 4.1 6.1#





#74

Fluoranthene

Concen: 46.568 ng/ul

RT: 19.85 min Scan# 2790

Delta R.T. 0.07 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

ClientSampleId :

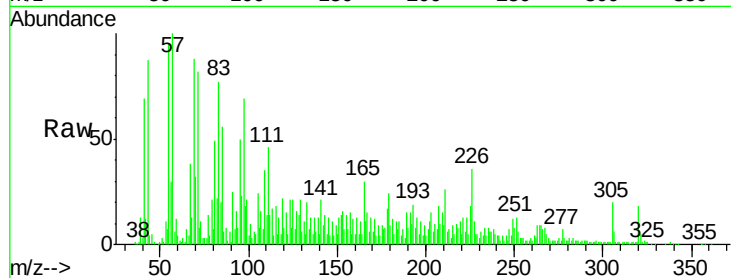
Tot Ion:202 Resp: 5585

Ion Ratio Lower Upper

202 100

101 92.1 6.1 9.1#

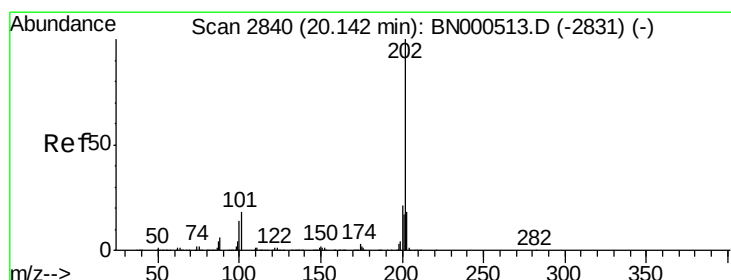
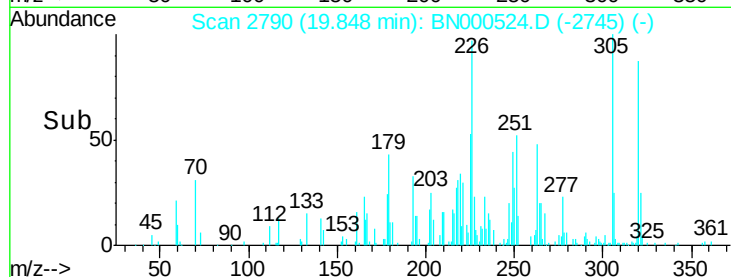
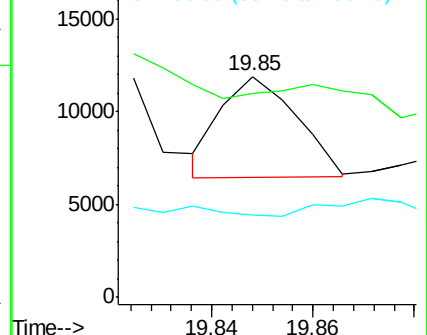
100 37.3 4.6 7.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 203.231 ng/ul

RT: 20.22 min Scan# 2854

Delta R.T. 0.08 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

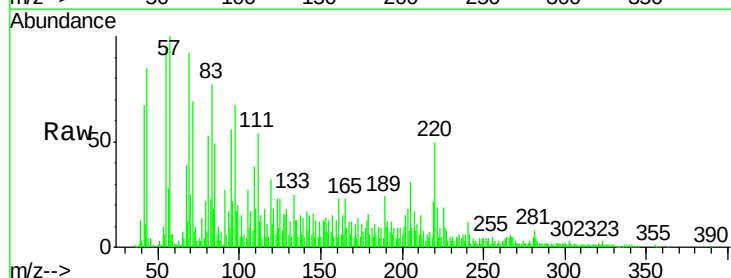
Tgt Ion:202 Resp: 10554

Ion Ratio Lower Upper

202 100

101 96.1 6.9 10.3#

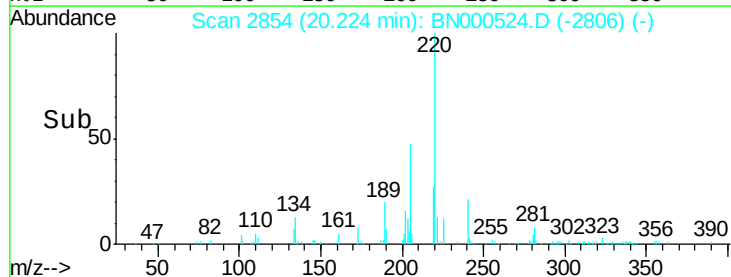
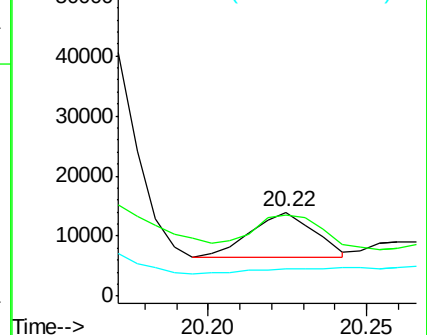
100 32.8 5.6 8.4#

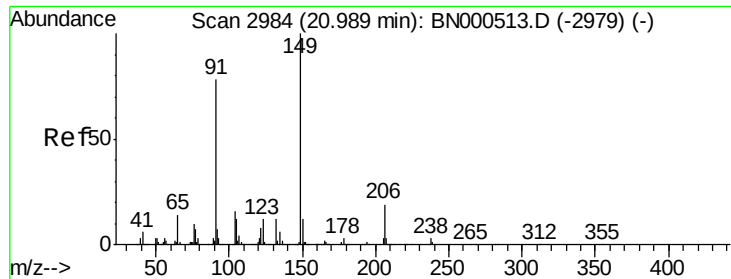


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

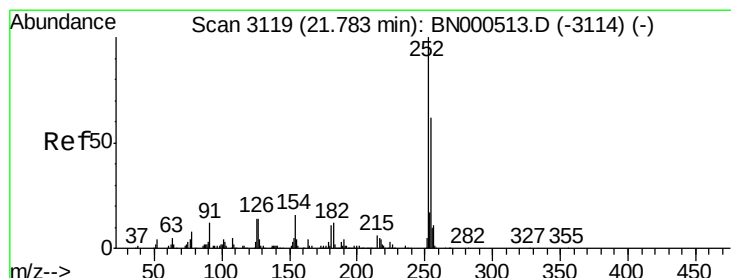
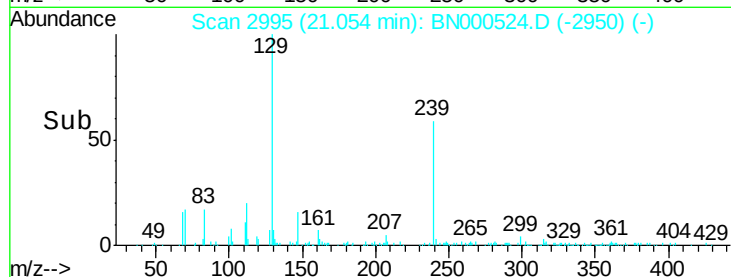
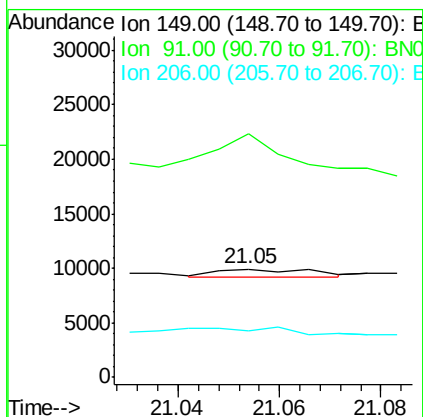
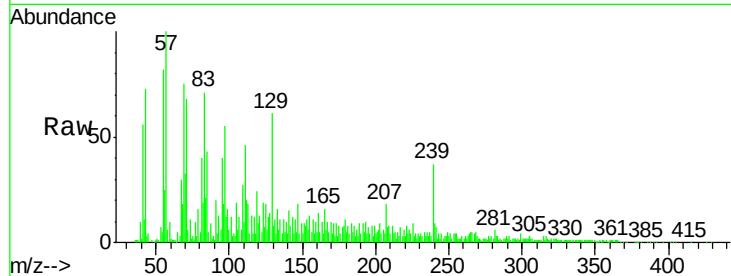




#78
Butylbenzylphthalate
Concen: 34.192 ng/ul
RT: 21.05 min Scan# 2995
Delta R.T. 0.07 min
Lab File: BN000524.D
Acq: 21 Mar 2018 17:35

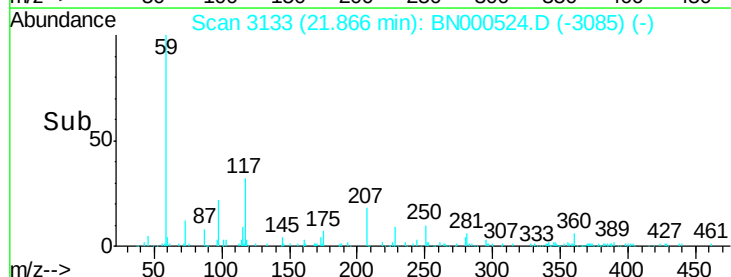
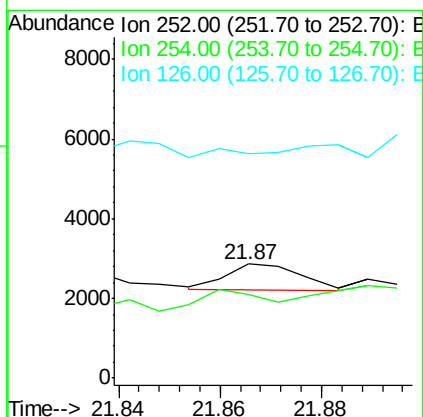
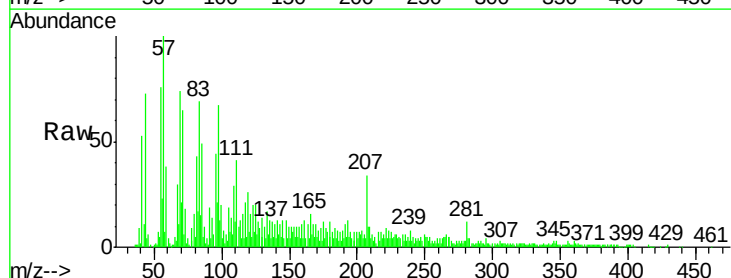
Instrument :
BNA_N
ClientSampleId :

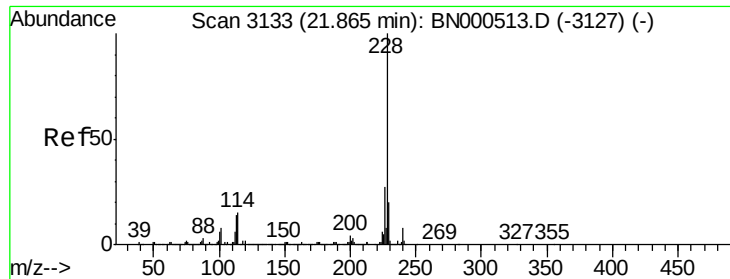
Tot Ion:149 Resp: 882
Ion Ratio Lower Upper
149 100
91 224.9 53.4 80.0#
206 43.4 19.3 28.9#



#79
3,3'-Dichlorobenzidine
Concen: 45.787 ng/ul
RT: 21.87 min Scan# 3133
Delta R.T. 0.08 min
Lab File: BN000524.D
Acq: 21 Mar 2018 17:35

Tgt Ion:252 Resp: 636
Ion Ratio Lower Upper
252 100
254 73.0 52.8 79.2
126 197.2 6.9 10.3#





#80

Benzo(a)anthracene

Concen: 358.748 ng/ul

RT: 21.94 min Scan# 3145

Delta R.T. 0.07 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

ClientSampleId :

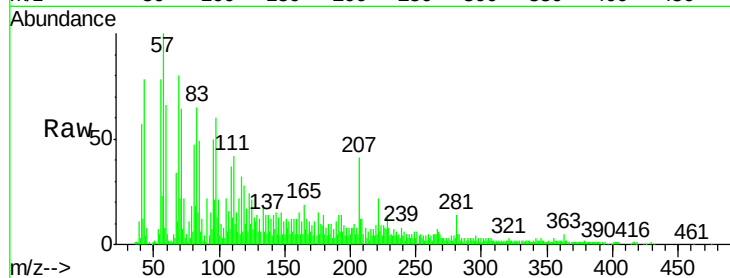
Tot Ion:228 Resp: 16995

Ion Ratio Lower Upper

228 100

229 59.6 16.0 24.0#

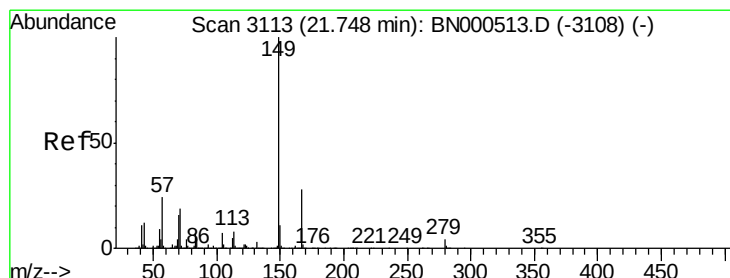
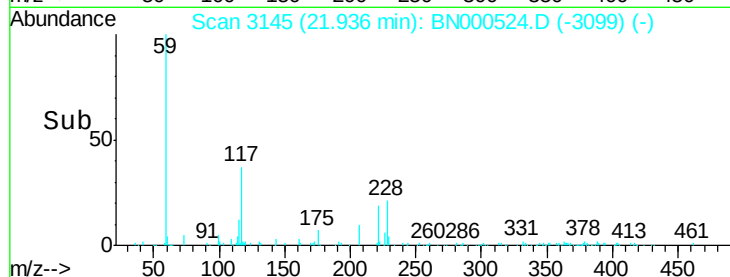
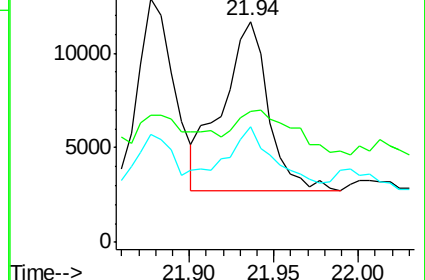
226 52.7 21.8 32.8#



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: 6202.478 ng/ul

RT: 21.75 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

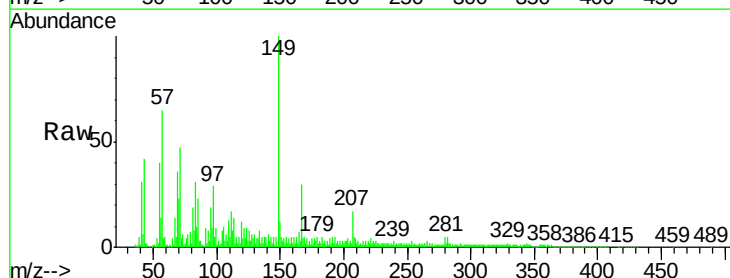
Tgt Ion:149 Resp: 232278

Ion Ratio Lower Upper

149 100

167 30.4 23.0 34.6

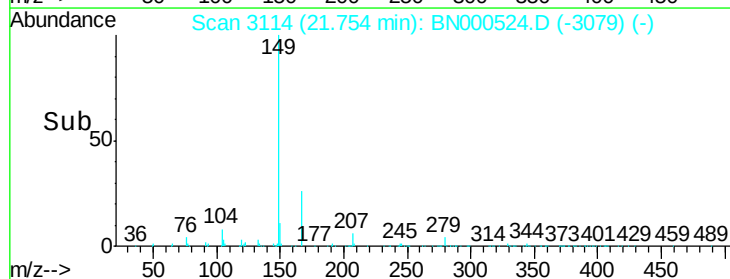
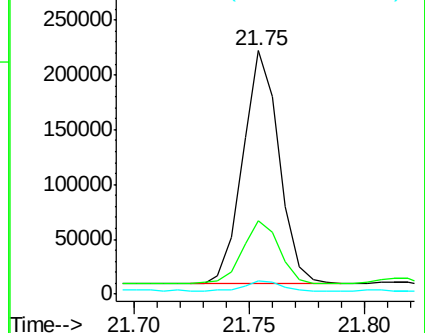
279 5.2 4.3 6.5

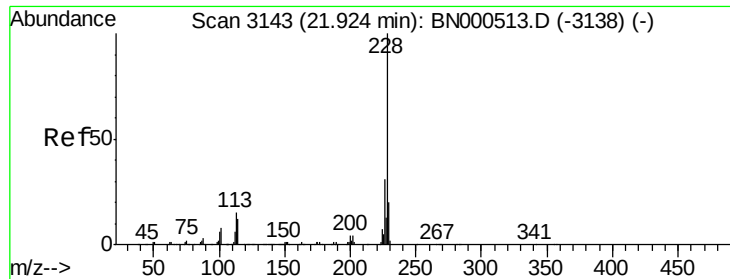


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.590 ng/ul

RT: 22.01 min Scan# 3157

Delta R.T. 0.08 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

ClientSampleId :

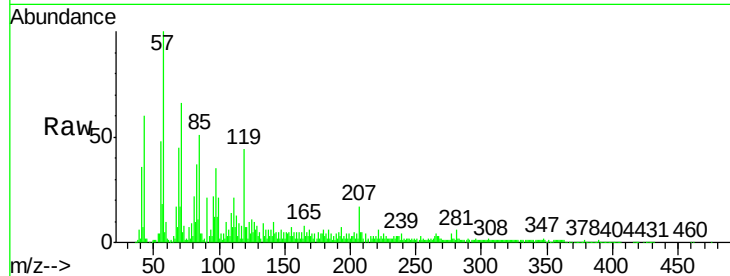
Tot Ion:228 Resp: 870

Ion Ratio Lower Upper

228 100

226 110.6 24.1 36.1#

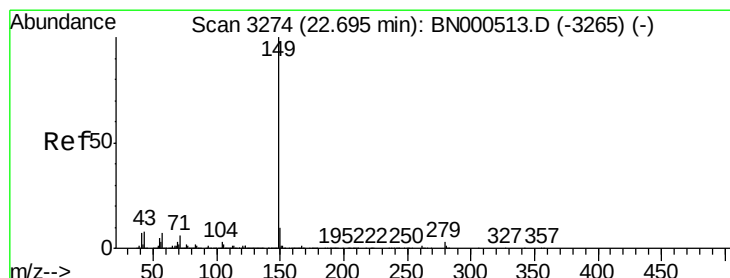
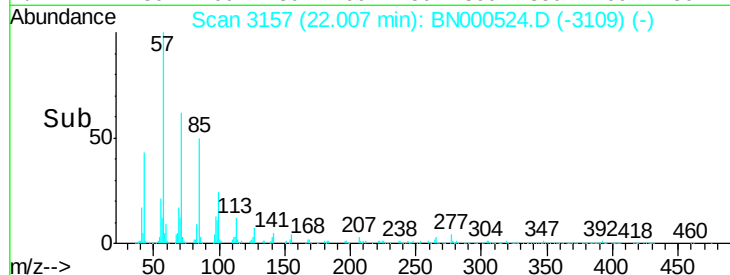
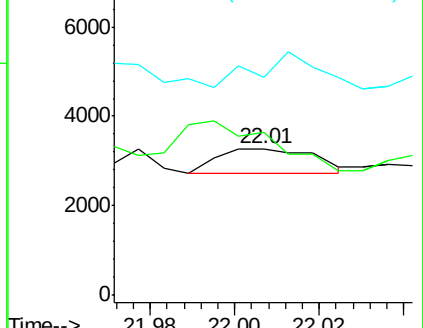
229 148.1 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 4.509 ng/ul

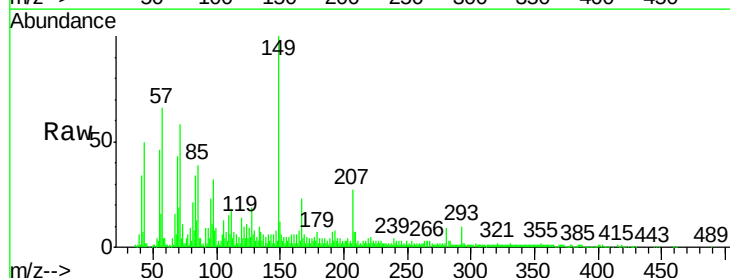
RT: 22.71 min Scan# 3277

Delta R.T. 0.02 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Tgt Ion:149 Resp: 157198



Abundance Ion 149.00 (148.70 to 149.70): E

