

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091718\
 Data File : BN002720.D
 Acq On : 17 Sep 2018 11:31
 Operator : JU/SJ
 Sample : J4868-12
 Misc : PE
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB3M8

Quant Time: Sep 21 09:43:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 15 04:34:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	153345	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	679799	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	398465	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	902248	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	797473	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	650408	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	19210	5.78	ng/uL	0.00
5) Phenol-d5	6.83	99	466119	35.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	282216	34.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	377402	35.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	375963	37.28	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	186446	35.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	216455	36.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	383484	35.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	404708	32.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	1196892	38.37	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1472220	36.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	209150	40.55	ng/ul	0.00
57) Fluorene-d10	15.29	176	1004613	36.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	183617	32.54	ng/ul	0.00
70) Anthracene-d10	17.14	188	1571293	36.48	ng/ul	0.00
78) Pyrene-d10	19.44	212	1641697	39.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	1290893	37.71	ng/ul	0.01

Target Compounds

					Ovalue
10) 2-Chlorophenol	7.22	128	411393	38.677	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.18	45	867444	54.836	ng/ul 98
14) Acetophenone	8.46	105	628822	40.470	ng/ul 97
17) Hexachloroethane	8.70	117	79962	18.700	ng/ul 95
20) Nitrobenzene	8.84	77	699605	57.158	ng/ul 96
23) 2-Nitrophenol	9.55	139	295127	47.831	ng/ul 98
27) 2,4-Dichlorophenol	10.08	162	252123	24.149	ng/ul 95
28) Naphthalene	10.47	128	537820	15.350	ng/ul 99
33) 4-Chloro-3-methylphenol	11.72	107	550325	51.694	ng/ul 98
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	245397	18.539	ng/ul 98
38) 2,4,6-Trichlorophenol	12.71	196	264183	31.284	ng/ul 100
40) 1,1'-Biphenyl	13.11	154	1255269	38.248	ng/ul 100
42) 2-Nitroaniline	13.37	65	496919	69.501	ng/ul 99
45) 2,6-Dinitrotoluene	13.87	165	278927	45.480	ng/ul 96
47) Acenaphthylene	14.00	152	2025987	52.950	ng/ul 100
49) Acenaphthene	14.35	153	118460	4.371	ng/ul 99
52) 4-Nitrophenol	14.53	109	241692	67.351	ng/ul 97
53) Dibenzofuran	14.69	168	748181	20.076	ng/ul 100
54) 2,4-Dinitrotoluene	14.67	165	478833	55.189	ng/ul 92
56) Diethylphthalate	15.12	149	1517826	50.892	ng/ul 100
58) Fluorene	15.34	166	254943	8.540	ng/ul 99
64) N-Nitrosodiphenylamine	15.56	169	1364721	48.744	ng/ul 99
66) Hexachlorobenzene	16.35	284	422102	39.063	ng/ul 99

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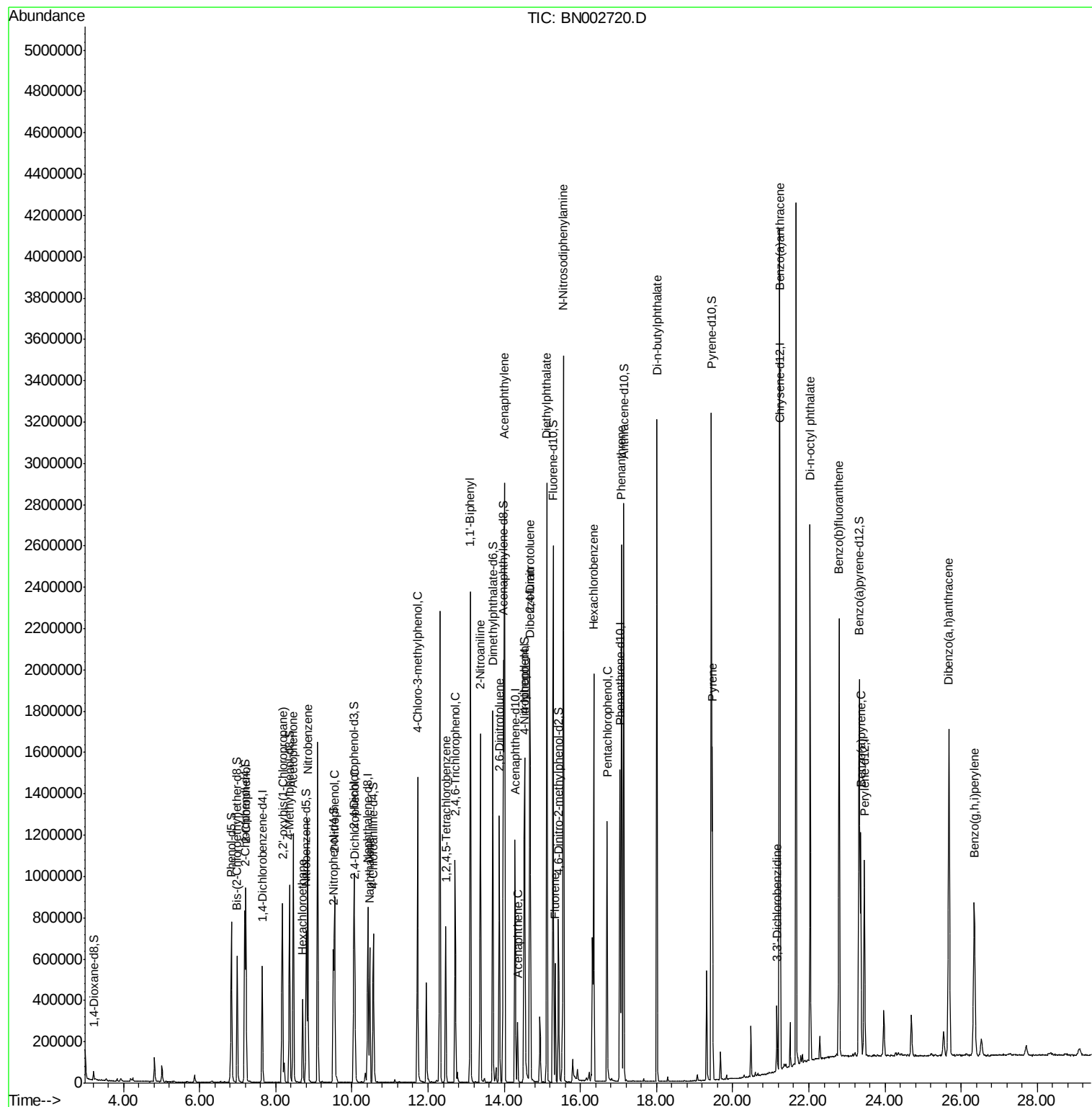
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) Pentachlorophenol	16.70	266	237433	47.176	ng/ul	97
69) Phenanthrene	17.08	178	1563800	31.458	ng/ul	100
75) Di-n-butylphthalate	18.01	149	2288210	44.091	ng/ul	100
79) Pyrene	19.47	202	907764	17.216	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.16	252	92437	5.740	ng/ul	96
82) Benzo(a)anthracene	21.23	228	1950367	39.314	ng/ul	100
86) Di-n-octyl phthalate	22.03	149	1597694	37.163	ng/ul	99
87) Benzo(b)fluoranthene	22.80	252	1310598	32.995	ng/ul	98
90) Benzo(a)pyrene	23.36	252	732440	19.505	ng/ul	98
92) Dibenzo(a,h)anthracene	25.69	278	1620607	43.263	ng/ul	99
93) Benzo(a,h,i)perylene	26.34	276	834628	22.458	ng/ul	98

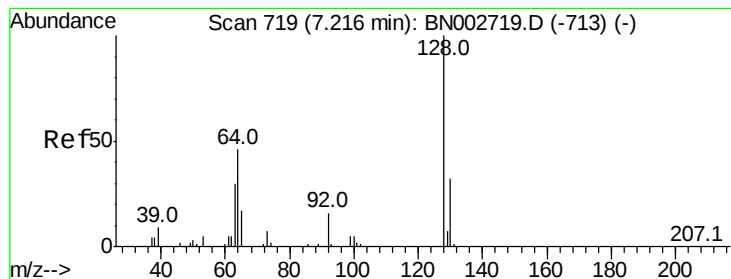
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 38.677 ng/ul

RT: 7.22 min Scan# 719

Delta R.T. -0.01 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

Instrument :

BNA_N

ClientSampleId :

DB3M8

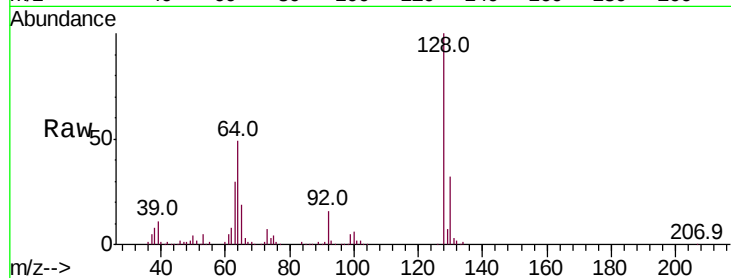
Tot Ion:128 Resp: 411393

Ion Ratio Lower Upper

128 100

64 49.3 40.4 60.6

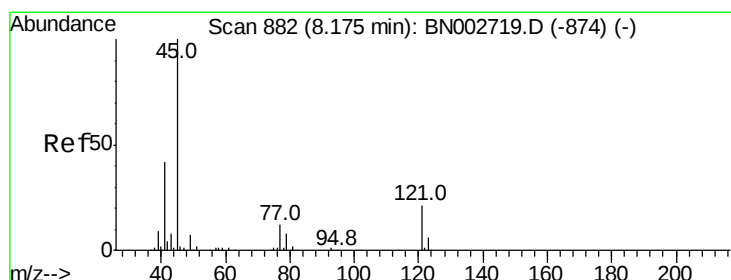
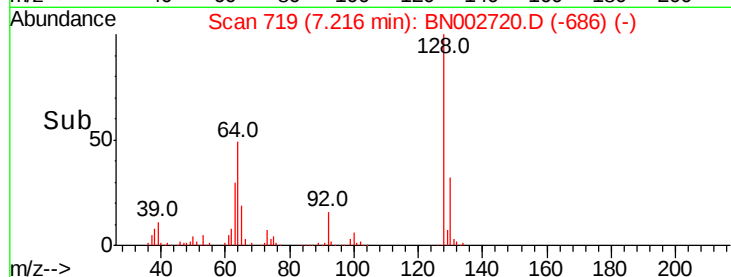
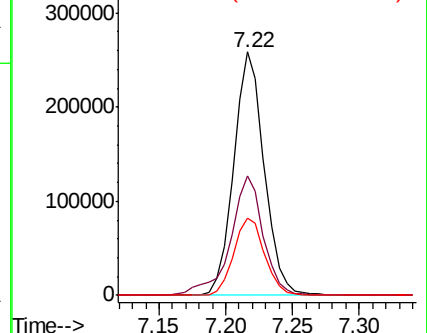
130 31.7 26.8 40.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 130.00 (129.70 to 130.70): E



#12

2,2'-oxybis(1-Chloropropane)

Concen: 54.836 ng/ul

RT: 8.18 min Scan# 882

Delta R.T. -0.01 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

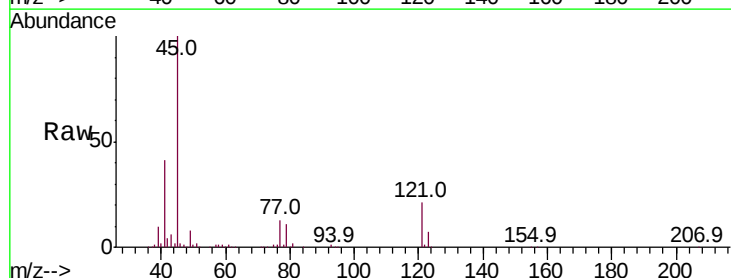
Tgt Ion: 45 Resp: 867444

Ion Ratio Lower Upper

45 100

77 13.1 11.3 16.9

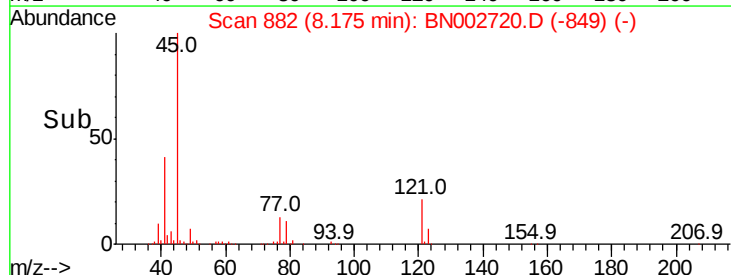
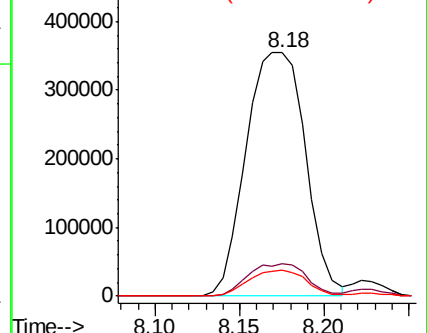
79 10.8 8.2 12.2

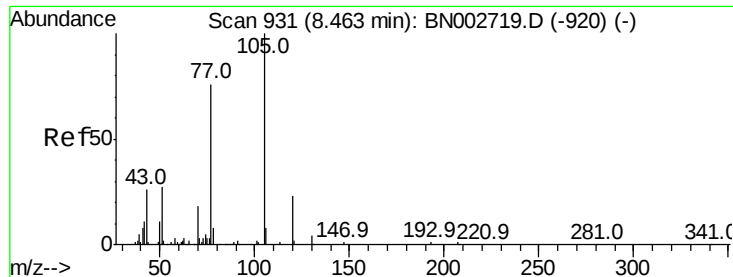


Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC





#14

Acetophenone

Concen: 40.470 ng/ul

RT: 8.46 min Scan# 931

Delta R.T. -0.01 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

Instrument :

BNA_N

ClientSampleId :

DB3M8

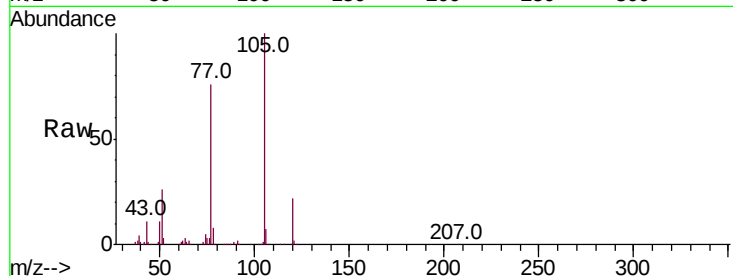
Tot Ion:105 Resp: 628822

Ion Ratio Lower Upper

105 100

77 75.8 62.9 94.3

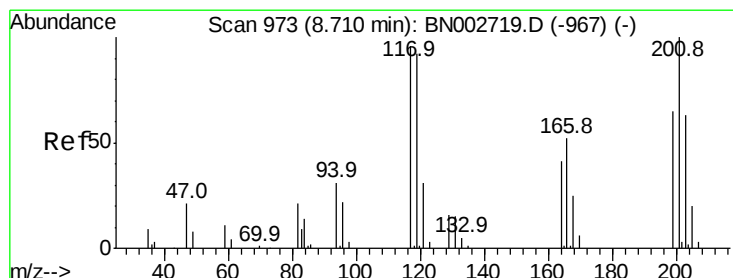
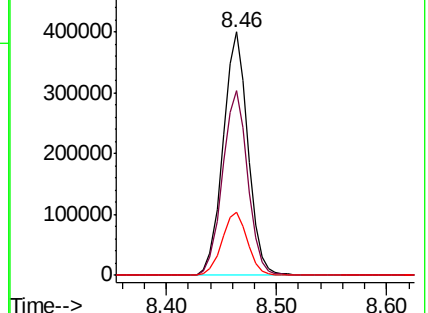
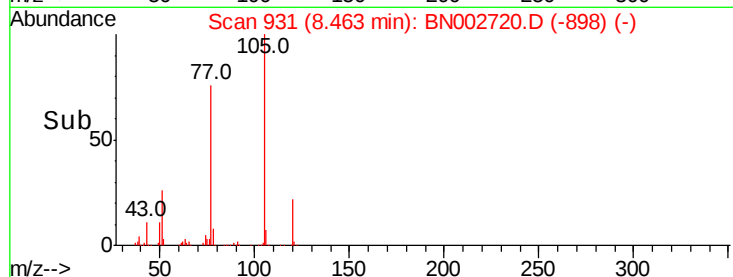
51 26.0 21.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNO

Ion 51.00 (50.70 to 51.70): BNO



#17

Hexachloroethane

Concen: 18.700 ng/ul

RT: 8.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

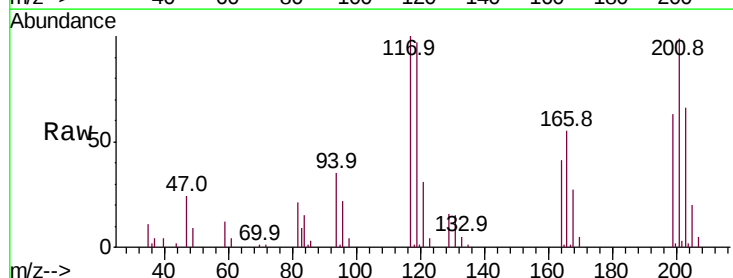
Tgt Ion:117 Resp: 79962

Ion Ratio Lower Upper

117 100

201 98.6 84.5 126.7

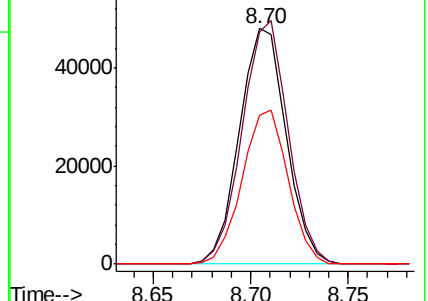
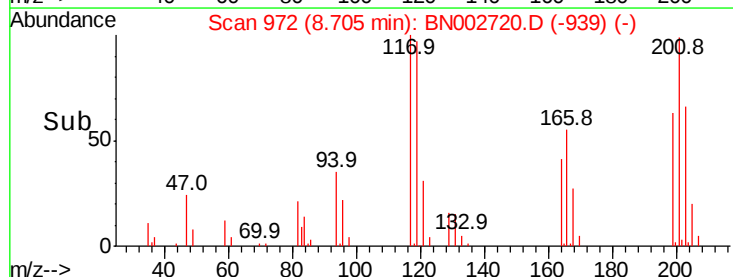
199 63.1 51.8 77.8

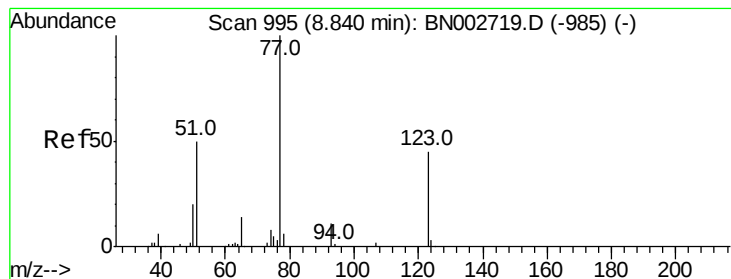


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#20

Nitrobenzene

Concen: 57.158 ng/ul

RT: 8.84 min Scan# 995

Delta R.T. 0.00 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

Instrument :

BNA_N

ClientSampled :

DB3M8

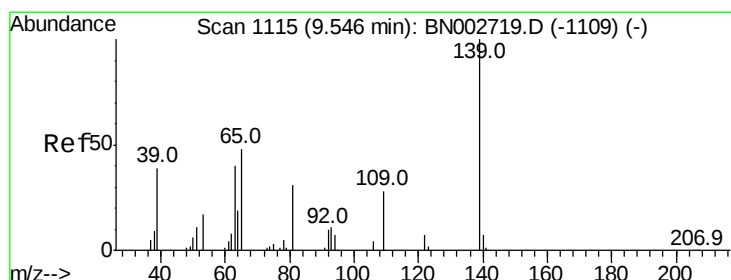
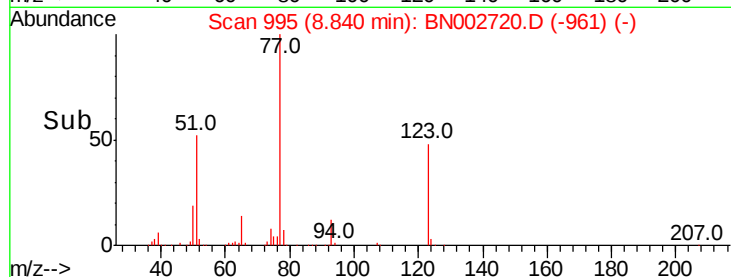
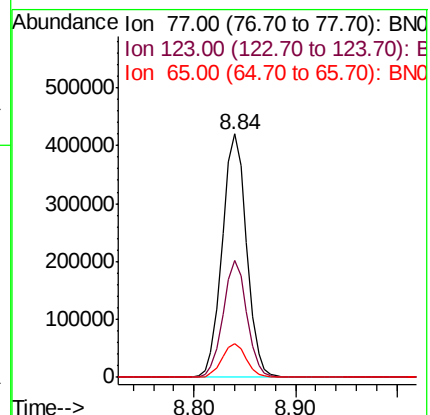
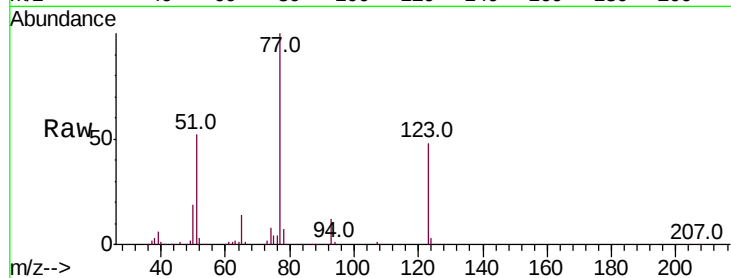
Tot Ion: 77 Resp: 699605

Ion Ratio Lower Upper

77 100

123 48.1 35.8 53.8

65 14.0 11.1 16.7



#23

2-Nitrophenol

Concen: 47.831 ng/ul

RT: 9.55 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

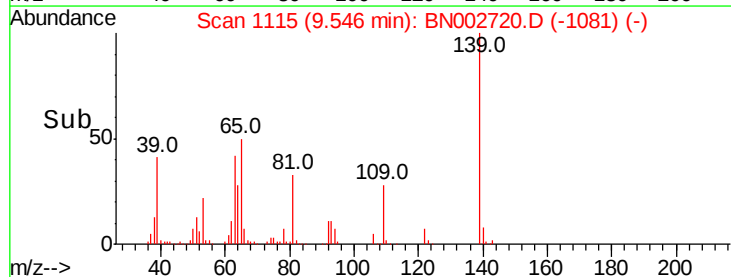
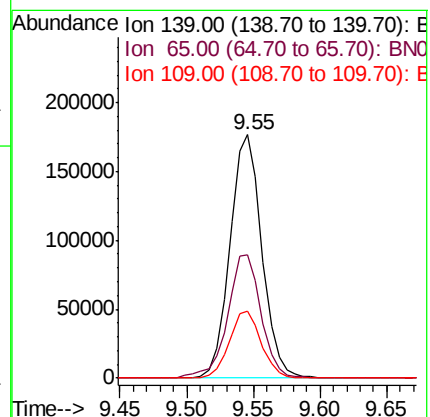
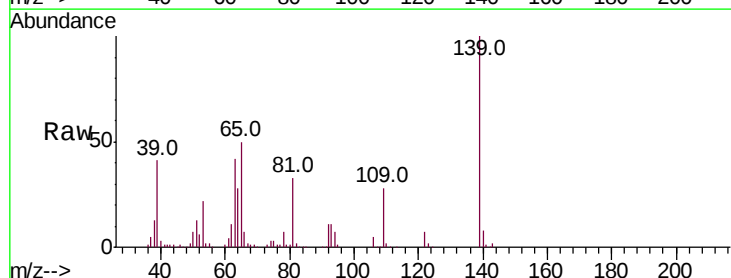
Tgt Ion: 139 Resp: 295127

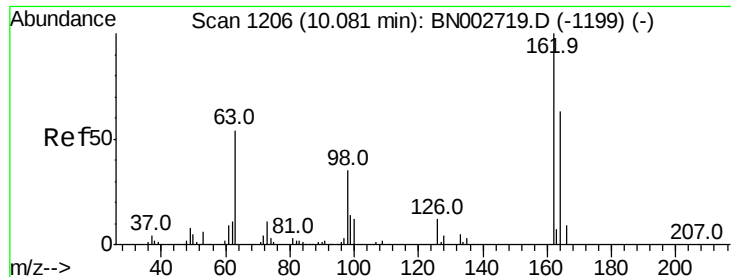
Ion Ratio Lower Upper

139 100

65 50.4 42.0 63.0

109 27.5 22.0 33.0

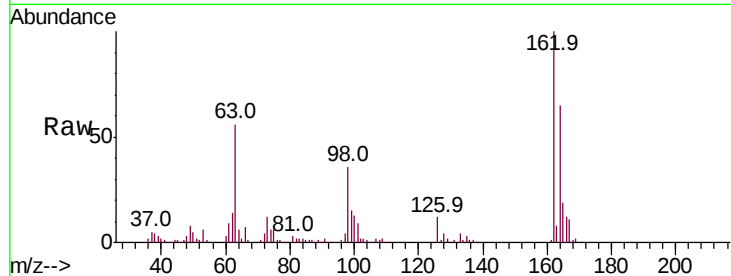




#27
 2,4-Dichlorophenol
 Concen: 24.149 ng/ul
 RT: 10.08 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BN002720.D
 Acq: 17 Sep 2018 11:31

Instrument :
 BNA_N
 ClientSampleId :
 DB3M8

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	48.6	73.0
98	35.7	26.6	40.0

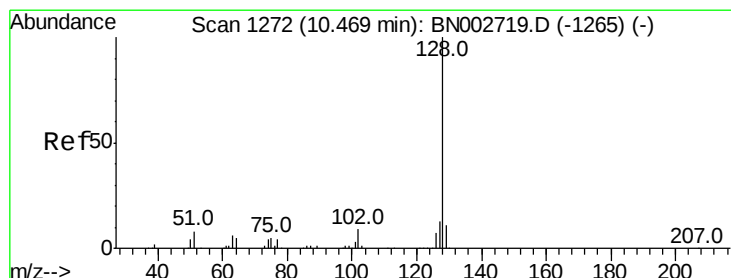
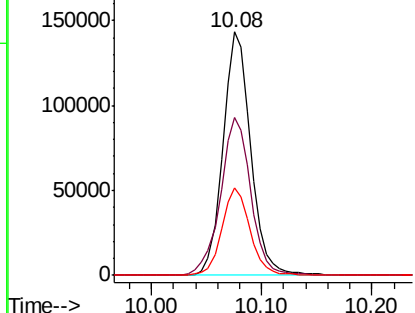
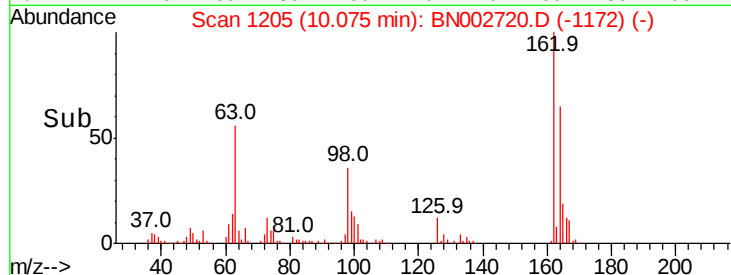


Abundance

Ion 162.00 (161.70 to 162.70): E

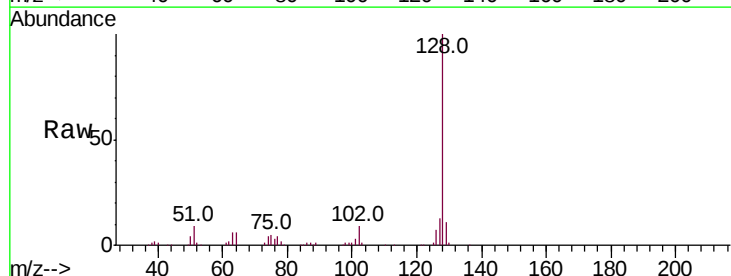
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#28
 Naphthalene
 Concen: 15.350 ng/ul
 RT: 10.47 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BN002720.D
 Acq: 17 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.3	12.5
127	12.8	10.5	15.7

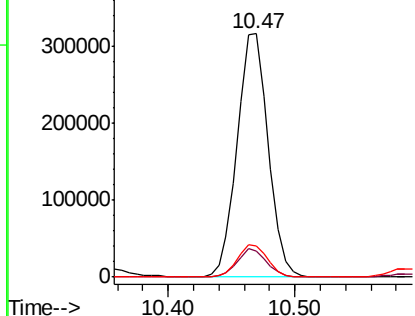
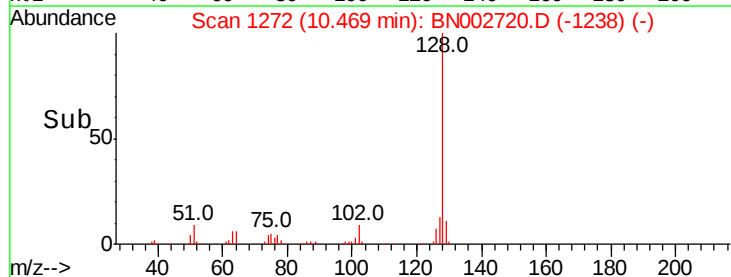


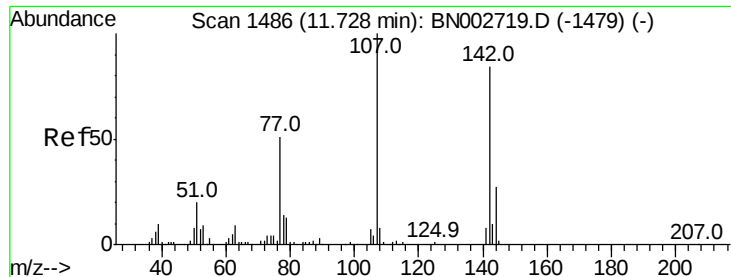
Abundance

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





#33

4-Chloro-3-methylphenol

Concen: 51.694 ng/ul

RT: 11.72 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

Instrument :

BNA_N

ClientSampled :

DB3M8

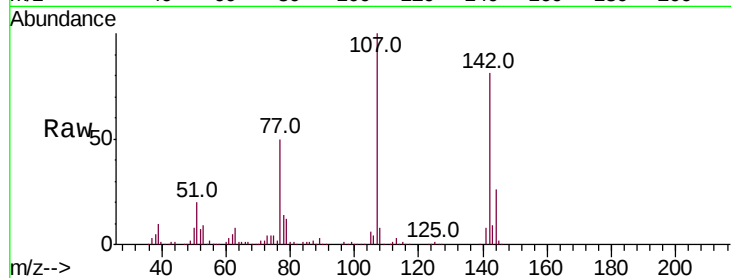
Tot Ion:107 Resp: 550325

Ion Ratio Lower Upper

107 100

144 25.8 20.2 30.4

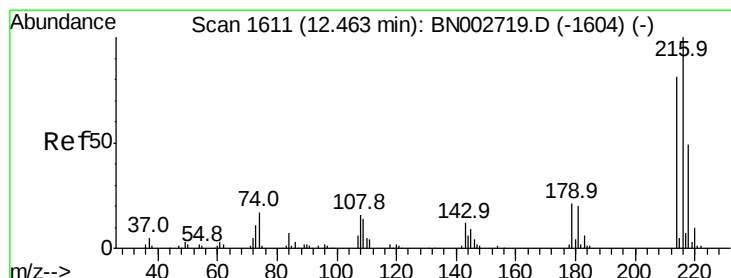
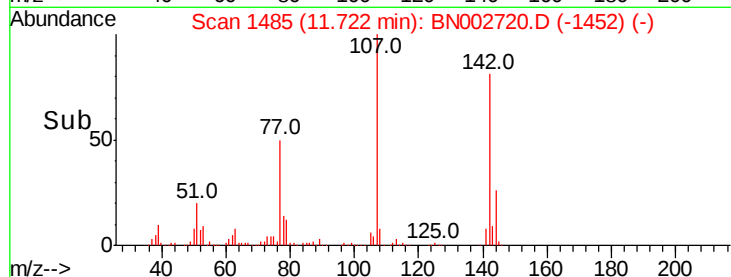
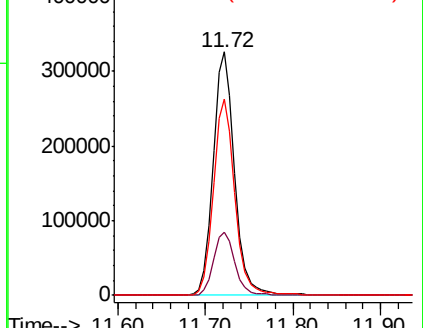
142 80.5 62.9 94.3



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



#36

1,2,4,5-Tetrachlorobenzene

Concen: 18.539 ng/ul

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

Tgt Ion:216 Resp: 245397

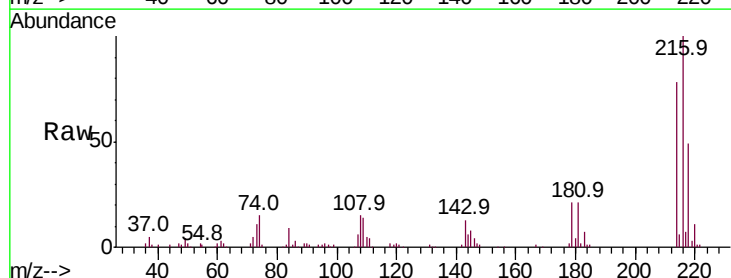
Ion Ratio Lower Upper

216 100

214 78.0 63.5 95.3

179 20.8 16.5 24.7

108 15.4 13.4 20.2

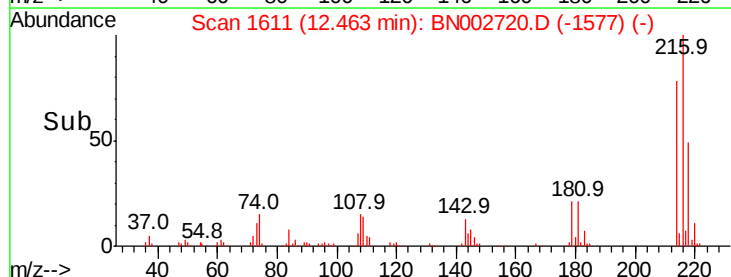
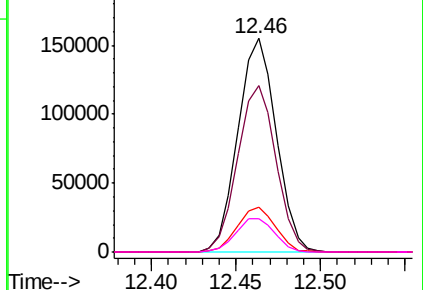


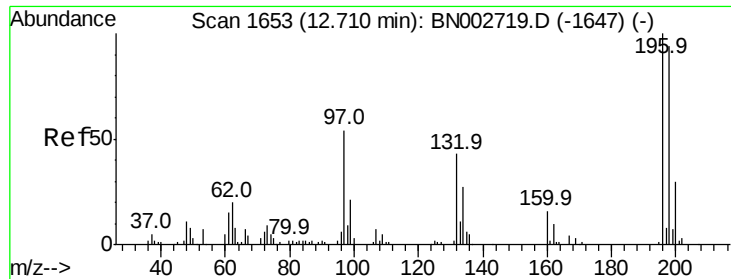
Abundance Ion 216.00 (215.70 to 216.70): E

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

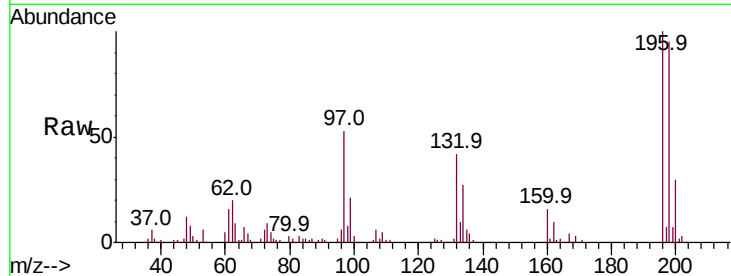




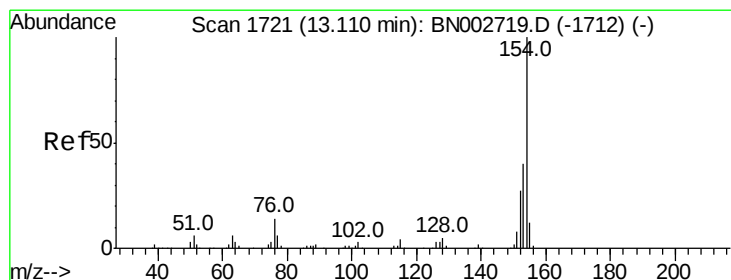
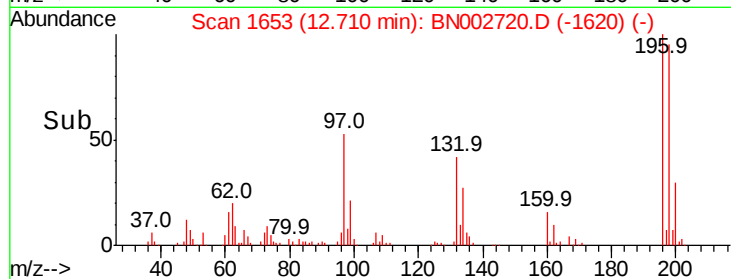
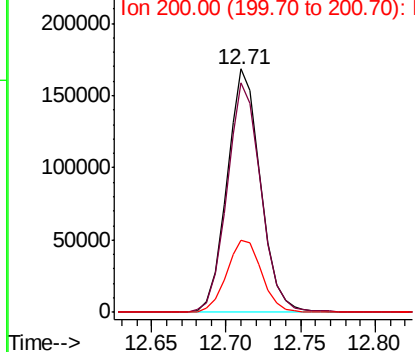
#38
 2,4,6-Trichlorophenol
 Concen: 31.284 ng/ul
 RT: 12.71 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BN002720.D
 Acq: 17 Sep 2018 11:31

Instrument :
 BNA_N
 ClientSampleId :
 DB3M8

Tot Ion:196 Resp: 264183
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.6 113.4
 200 29.9 24.3 36.5

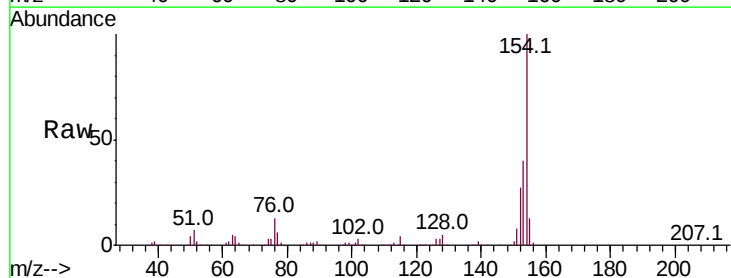


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

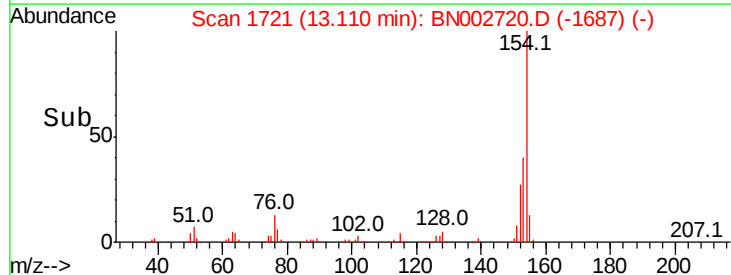
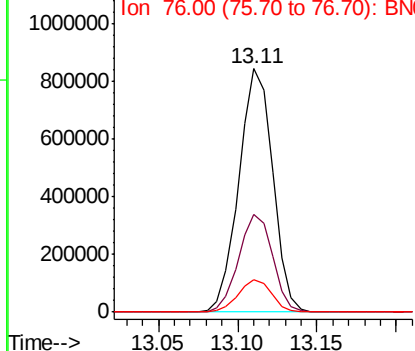


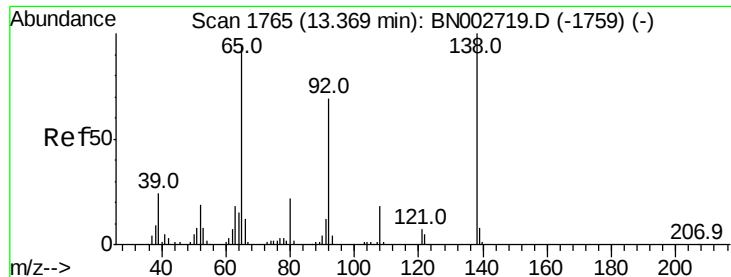
#40
 1,1'-Biphenyl
 Concen: 38.248 ng/ul
 RT: 13.11 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BN002720.D
 Acq: 17 Sep 2018 11:31

Tgt Ion:154 Resp: 1255269
 Ion Ratio Lower Upper
 154 100
 153 40.1 32.1 48.1
 76 13.3 10.5 15.7



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: 69.501 ng/ul

RT: 13.37 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

Instrument :

BNA_N

ClientSampleId :

DB3M8

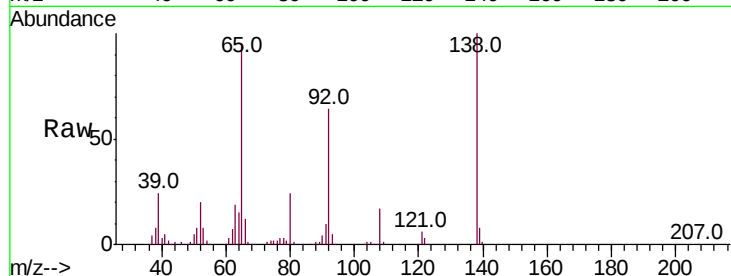
Tot Ion: 65 Resp: 496919

Ion Ratio Lower Upper

65 100

92 67.2 53.8 80.6

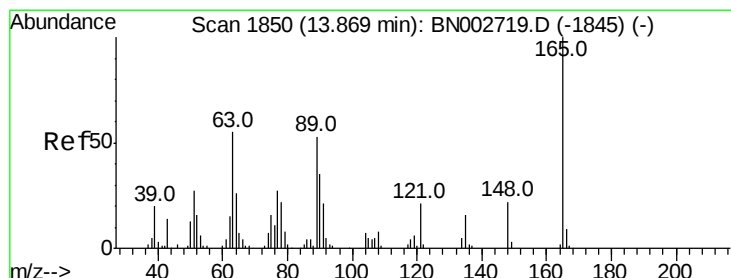
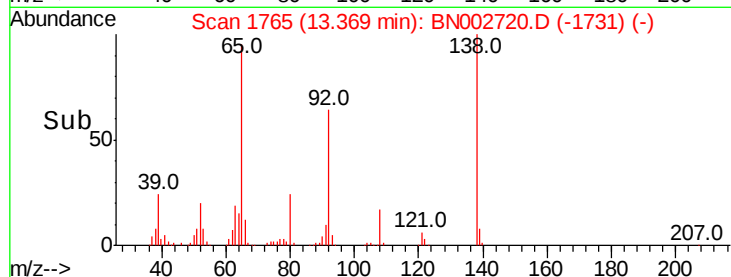
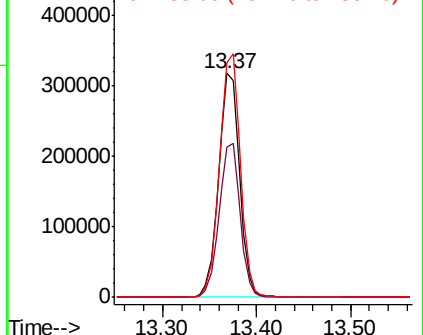
138 105.0 82.8 124.2



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): BNC



#45

2,6-Dinitrotoluene

Concen: 45.480 ng/ul

RT: 13.87 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

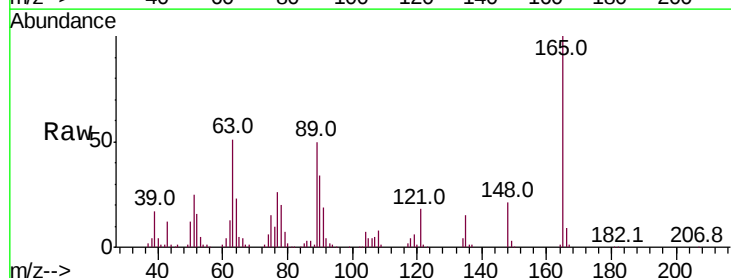
Tgt Ion:165 Resp: 278927

Ion Ratio Lower Upper

165 100

89 50.0 41.7 62.5

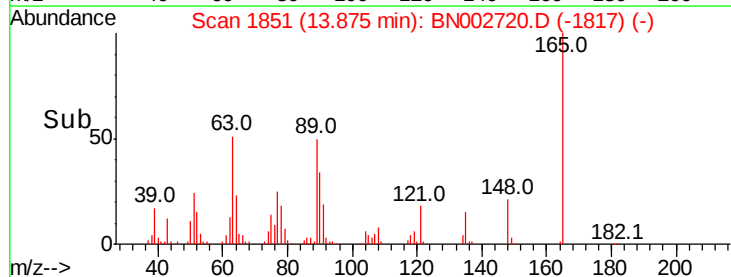
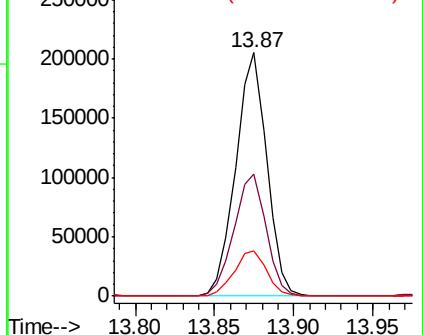
121 18.5 16.6 24.8

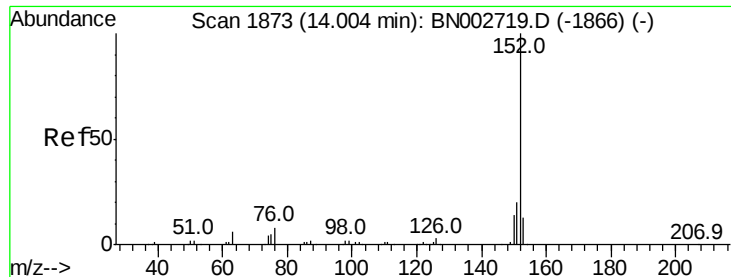


Abundance Ion 165.00 (164.70 to 165.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): BNC





#47

Acenaphthylene

Concen: 52.950 ng/ul

RT: 14.00 min Scan# 1873

Delta R.T. 0.00 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

Instrument :

BNA_N

ClientSampleId :

DB3M8

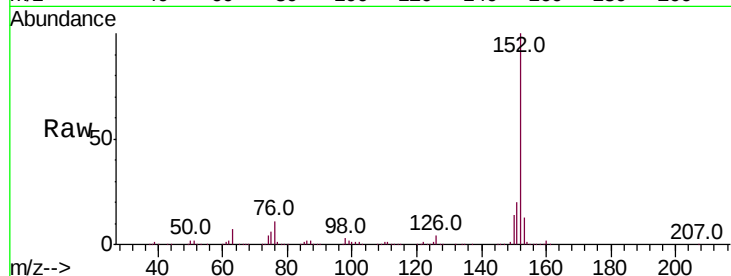
Tot Ion:152 Resp: 2025987

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

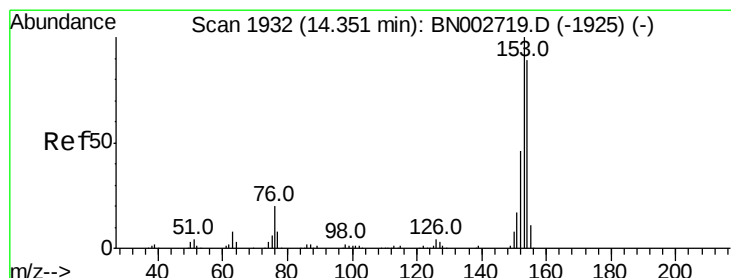
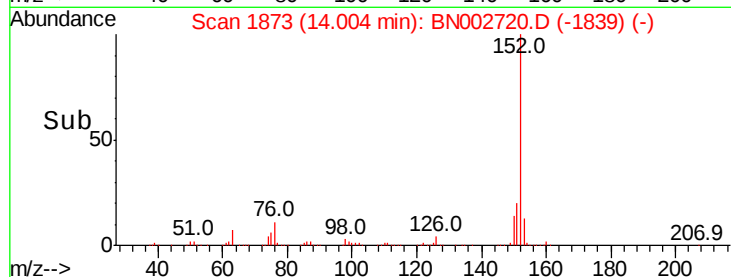
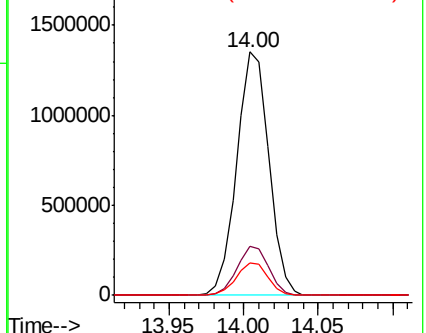
153 13.3 10.6 16.0



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: 4.371 ng/ul

RT: 14.35 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

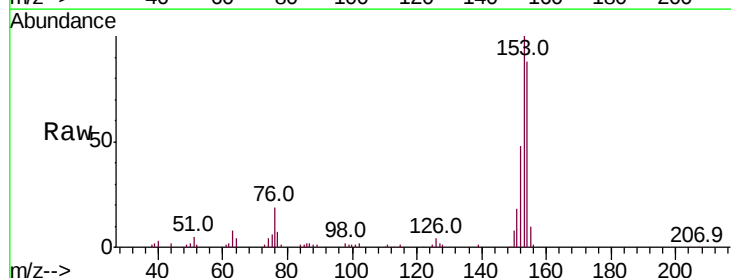
Tgt Ion:153 Resp: 118460

Ion Ratio Lower Upper

153 100

152 47.8 37.8 56.6

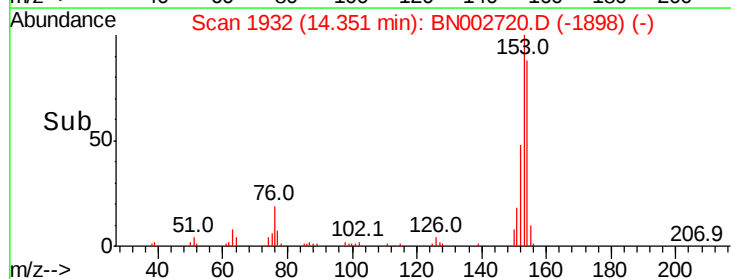
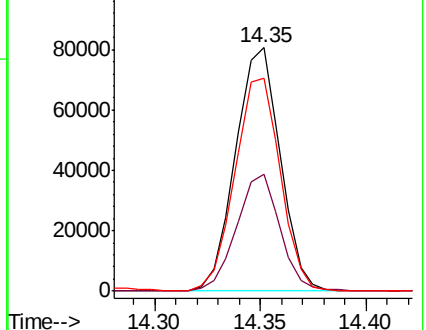
154 87.6 70.9 106.3

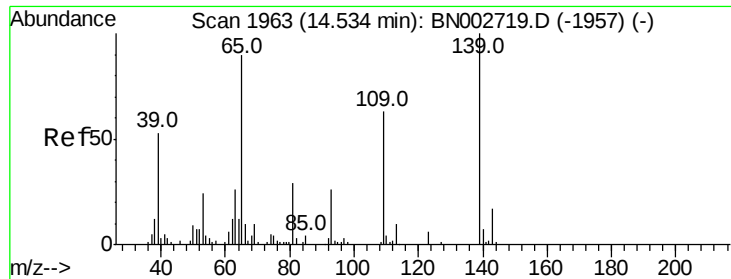


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

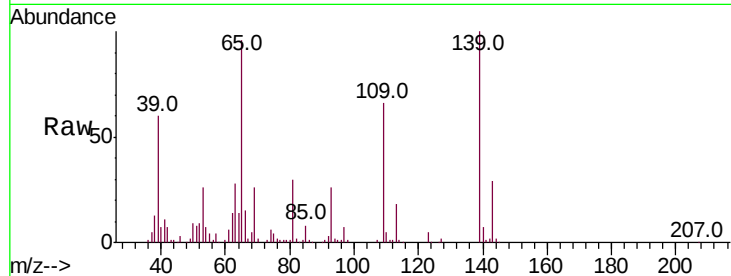




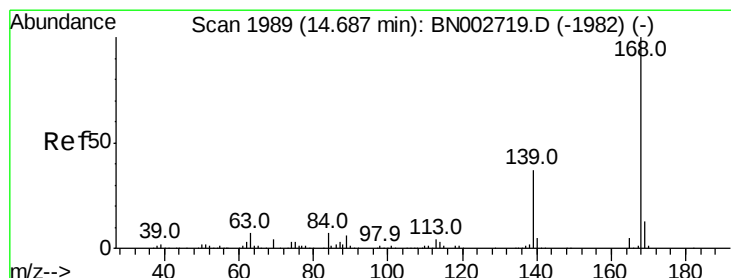
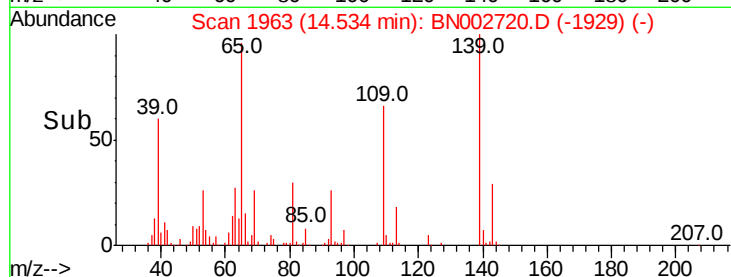
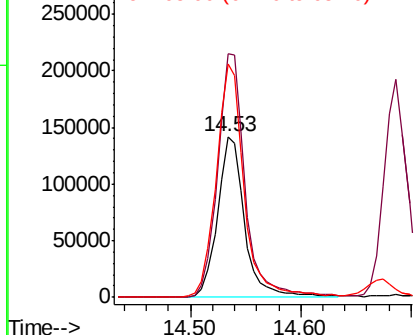
#52
4-Nitrophenol
Concen: 67.351 ng/ul
RT: 14.53 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BN002720.D
Acq: 17 Sep 2018 11:31

Instrument :
BNA_N
ClientSampled :
DB3M8

Tot Ion:109 Resp: 241692
Ion Ratio Lower Upper
109 100
139 151.4 116.5 174.7
65 145.1 116.7 175.1

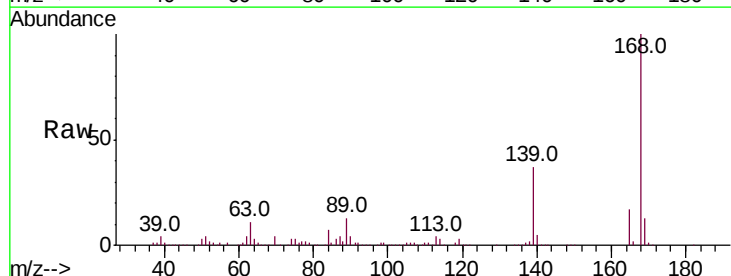


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNC

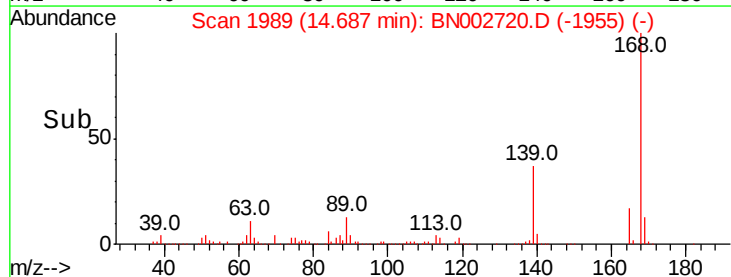
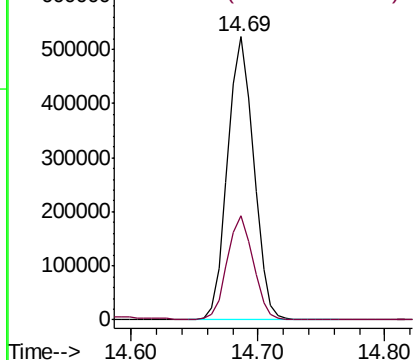


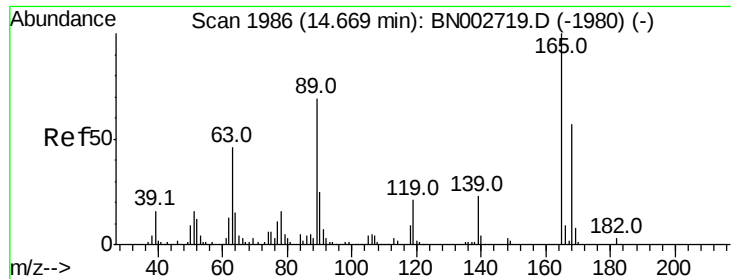
#53
Dibenzofuran
Concen: 20.076 ng/ul
RT: 14.69 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BN002720.D
Acq: 17 Sep 2018 11:31

Tgt Ion:168 Resp: 748181
Ion Ratio Lower Upper
168 100
139 36.8 29.4 44.2



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

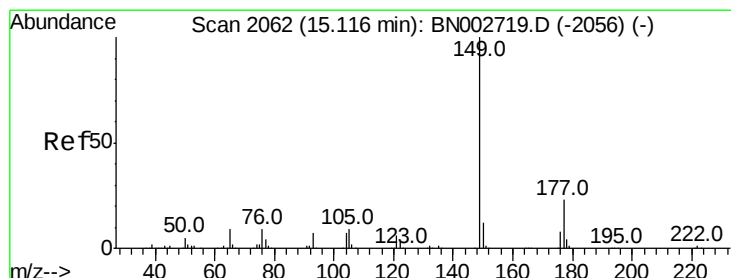
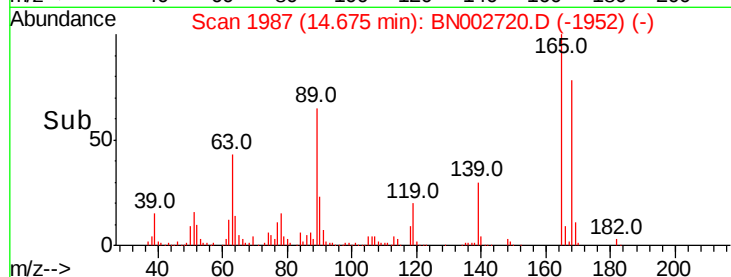
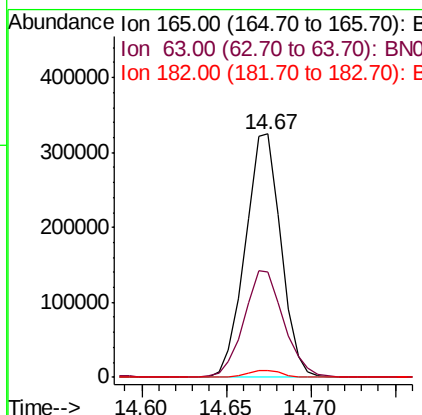
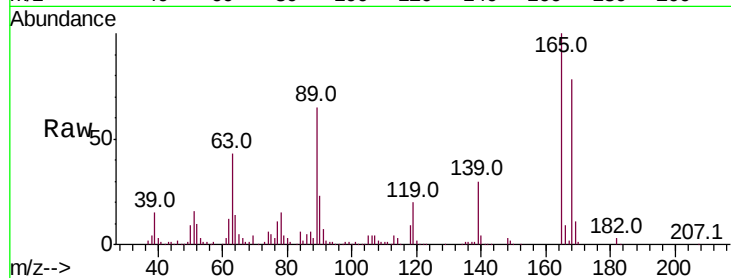




#54
2,4-Dinitrotoluene
Concen: 55.189 ng/ul
RT: 14.67 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BN002720.D
Acq: 17 Sep 2018 11:31

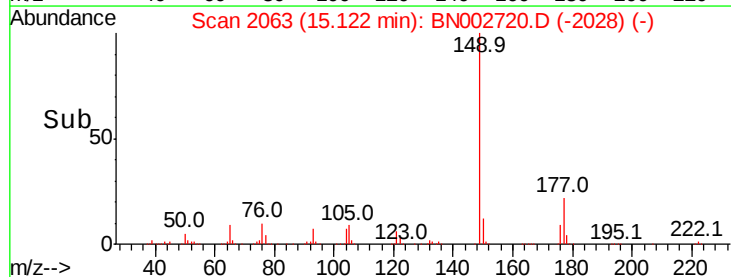
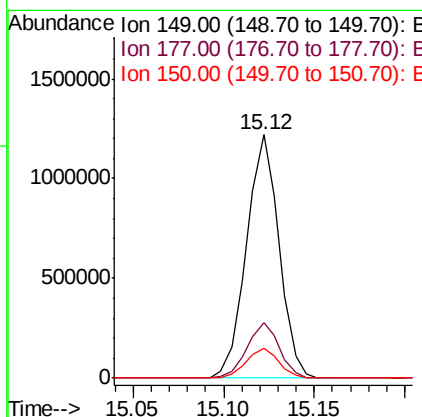
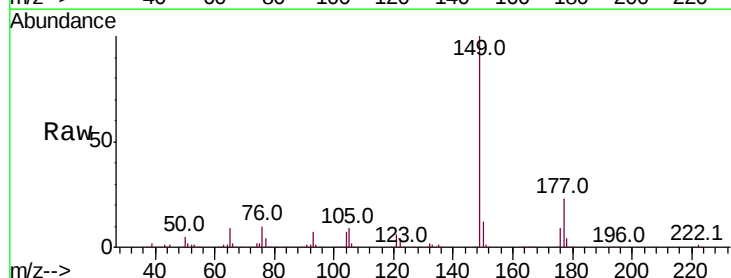
Instrument :
BNA_N
ClientSampleId :
DB3M8

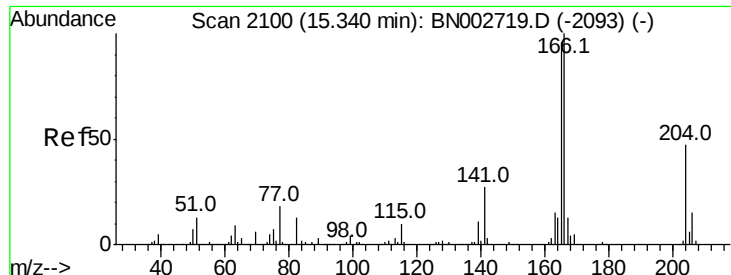
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.1	39.0	58.6
182	3.0	2.4	3.6



#56
Diethylphthalate
Concen: 50.892 ng/ul
RT: 15.12 min Scan# 2063
Delta R.T. 0.01 min
Lab File: BN002720.D
Acq: 17 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.8	26.8
150	12.2	9.8	14.8





#58

Fluorene

Concen: 8.540 ng/ul

RT: 15.34 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

Instrument :

BNA_N

ClientSampleId :

DB3M8

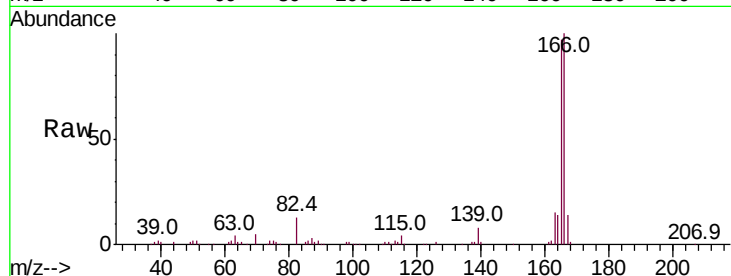
Tot Ion:166 Resp: 254943

Ion Ratio Lower Upper

166 100

165 97.2 78.3 117.5

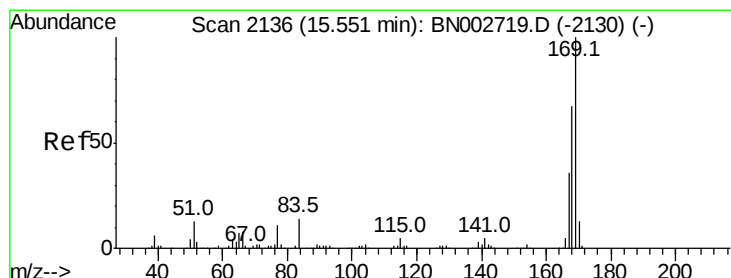
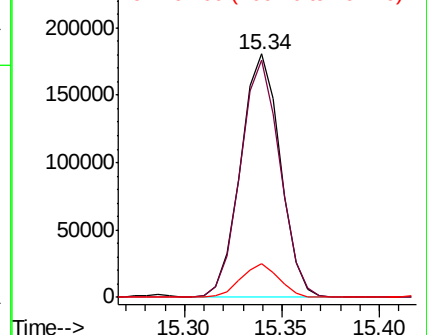
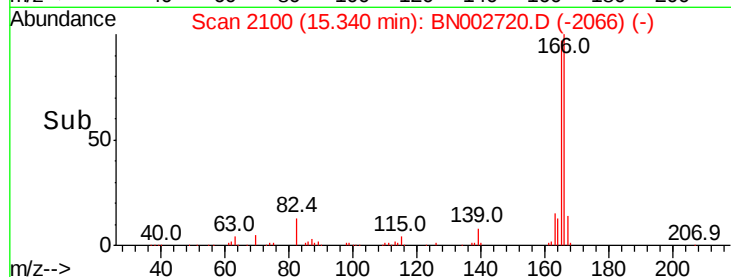
167 13.8 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

N-Nitrosodiphenylamine

Concen: 48.744 ng/ul

RT: 15.56 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

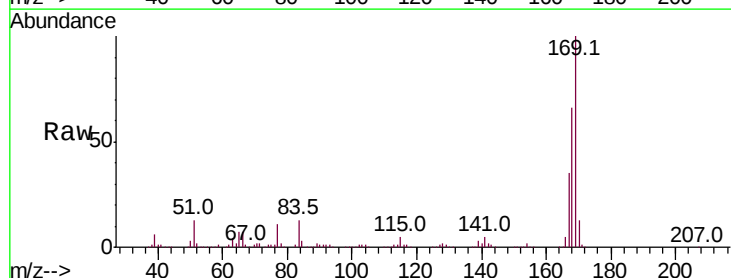
Tgt Ion:169 Resp: 1364721

Ion Ratio Lower Upper

169 100

168 66.3 53.8 80.6

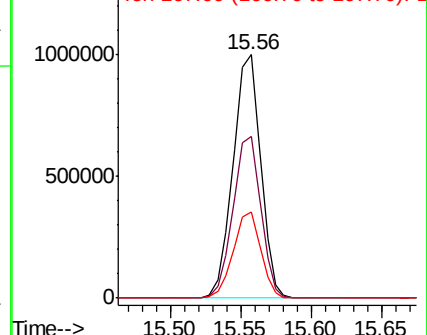
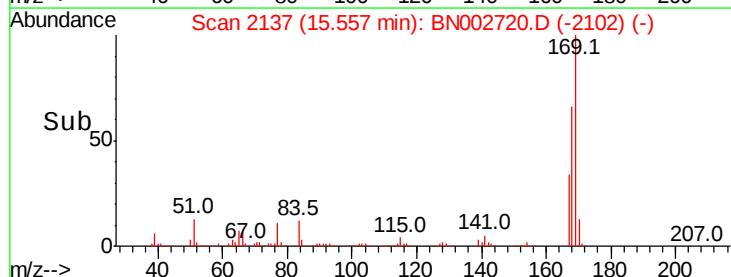
167 35.3 28.6 42.8

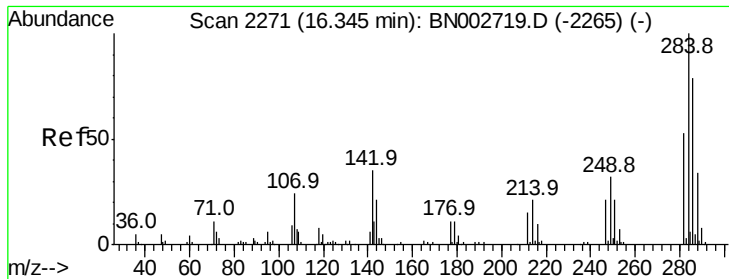


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

Hexachlorobenzene

Concen: 39.063 ng/ul

RT: 16.35 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

Instrument :

BNA_N

ClientSampleId :

DB3M8

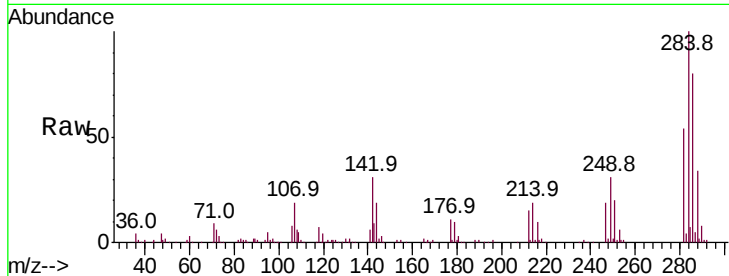
Tot Ion:284 Resp: 422102

Ion Ratio Lower Upper

284 100

142 31.0 24.8 37.2

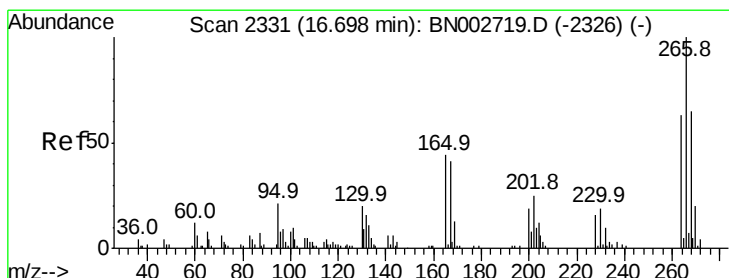
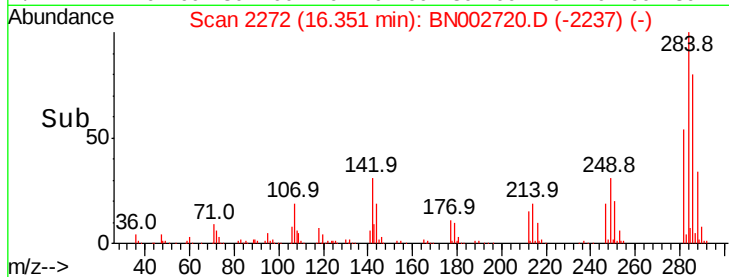
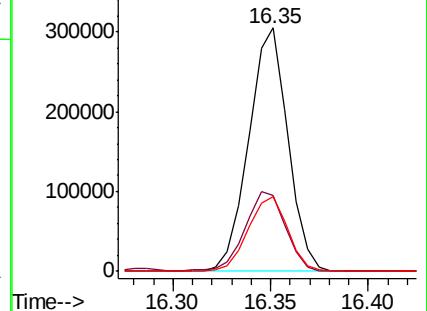
249 30.6 23.9 35.9



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



#68

Pentachlorophenol

Concen: 47.176 ng/ul

RT: 16.70 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

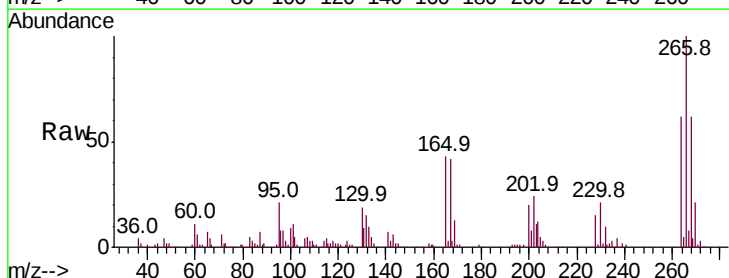
Tgt Ion:266 Resp: 237433

Ion Ratio Lower Upper

266 100

264 61.9 49.9 74.9

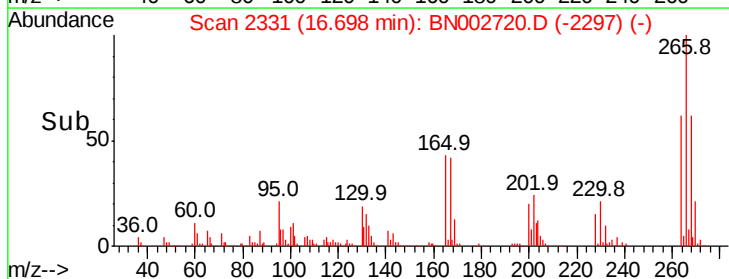
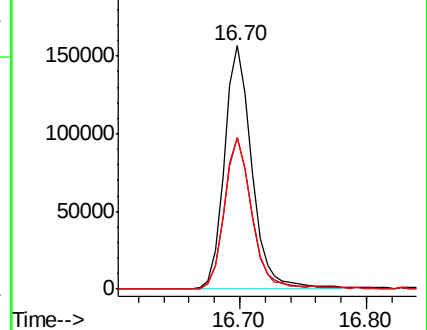
268 62.2 52.6 79.0

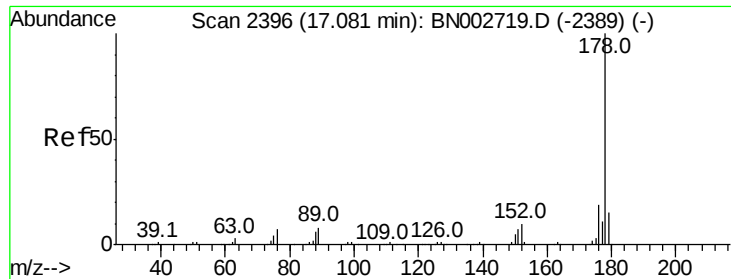


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 31.458 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

Instrument :

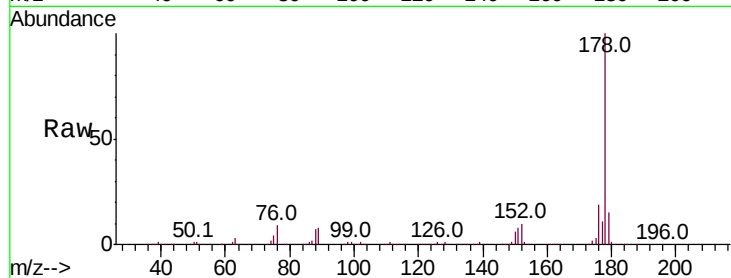
BNA_N

ClientSampleId :

DB3M8

Tot Ion:178 Resp: 1563800

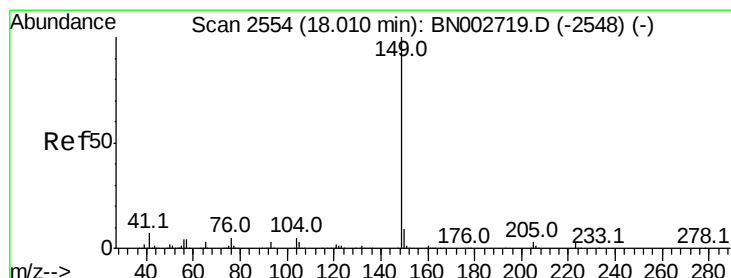
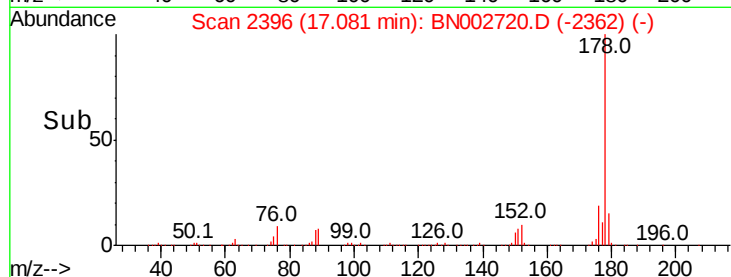
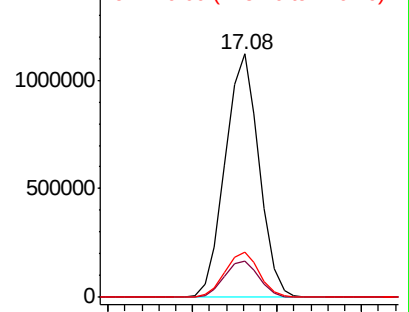
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	18.6	15.0	22.6



Abundance Ion 178.00 (177.70 to 178.70): E

1500000 Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Di-n-butylphthalate

Concen: 44.091 ng/ul

RT: 18.01 min Scan# 2554

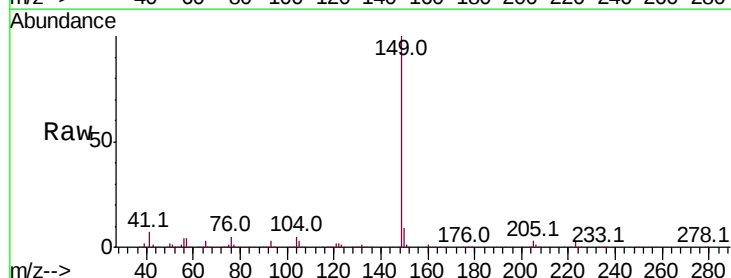
Delta R.T. 0.00 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

Tgt Ion:149 Resp: 2288210

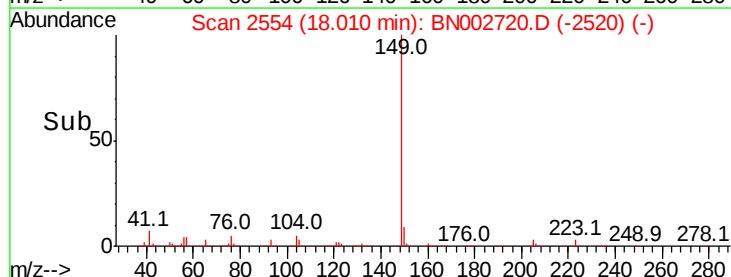
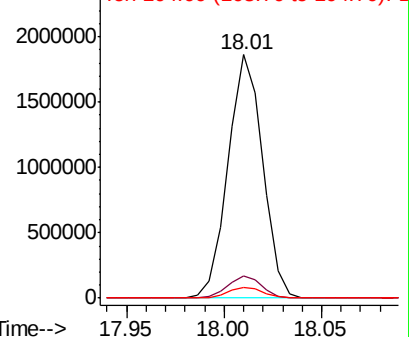
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.6	3.7	5.5

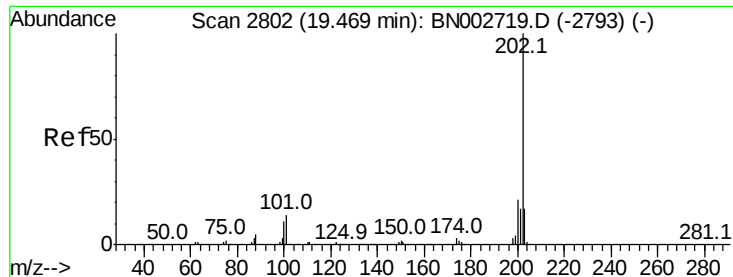


Abundance Ion 149.00 (148.70 to 149.70): E

2500000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

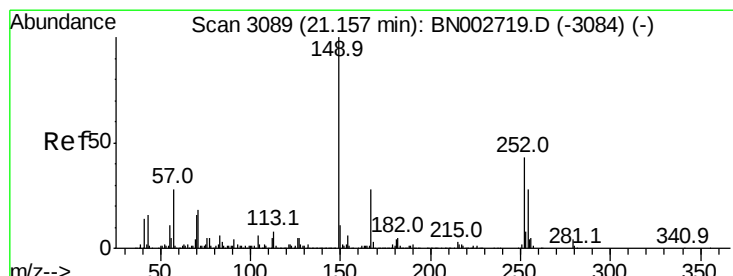
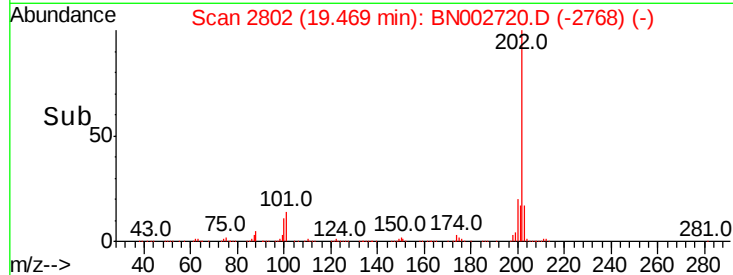
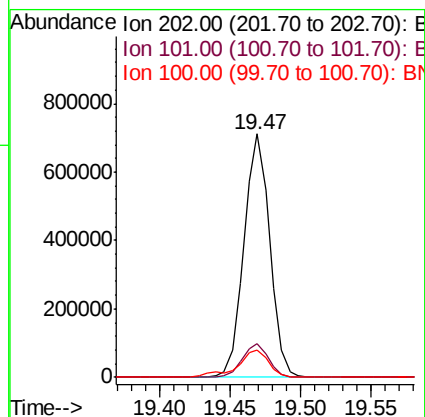
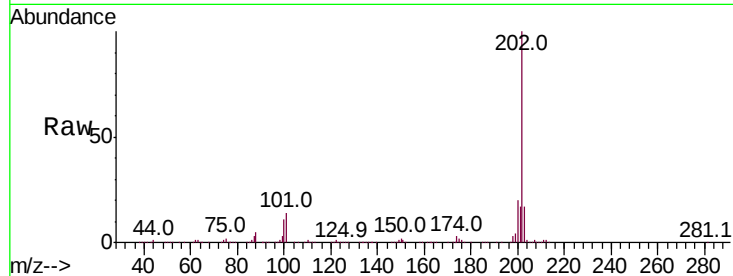




#79
Pvrene
Concen: 17.216 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. 0.00 min
Lab File: BN002720.D
Acq: 17 Sep 2018 11:31

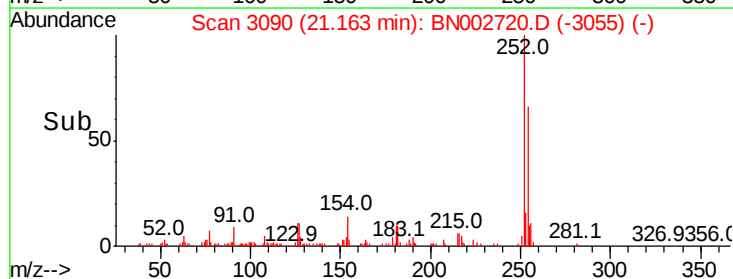
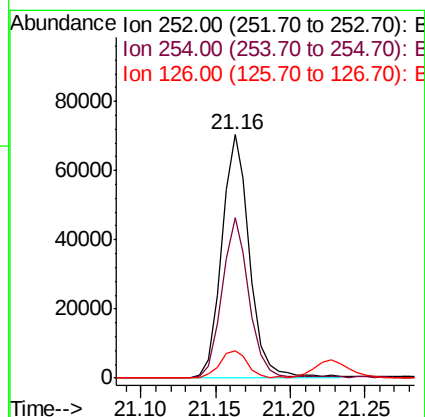
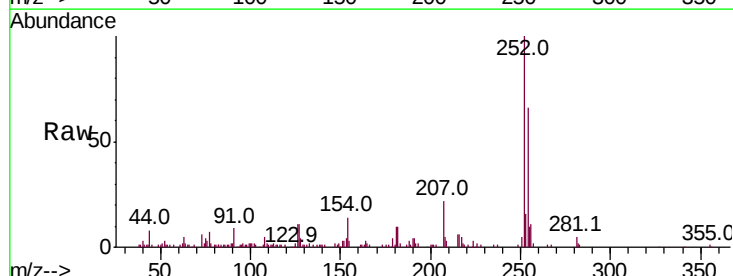
Instrument :
BNA_N
ClientSampleId :
DB3M8

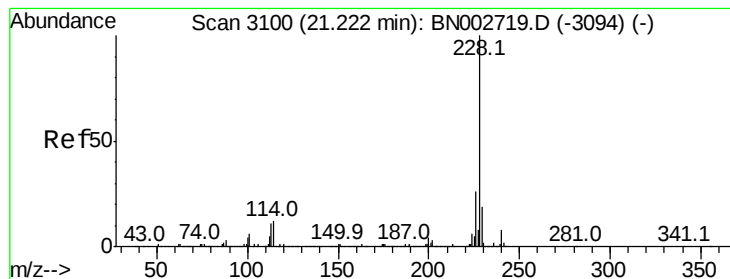
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.8	16.2
100	11.3	8.2	12.2



#81
3,3'-Dichlorobenzidine
Concen: 5.740 ng/ul
RT: 21.16 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BN002720.D
Acq: 17 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	50.4	75.6
126	11.3	8.2	12.2





#82

Benzo(a)anthracene

Concen: 39.314 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. 0.01 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

Instrument :

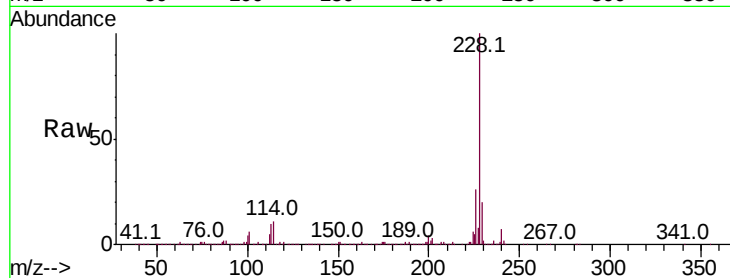
BNA_N

ClientSampleId :

DB3M8

Tot Ion:228 Resp: 1950367

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.6
226	26.4	20.9	31.3

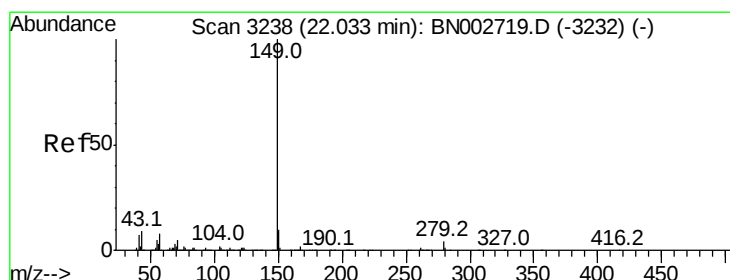
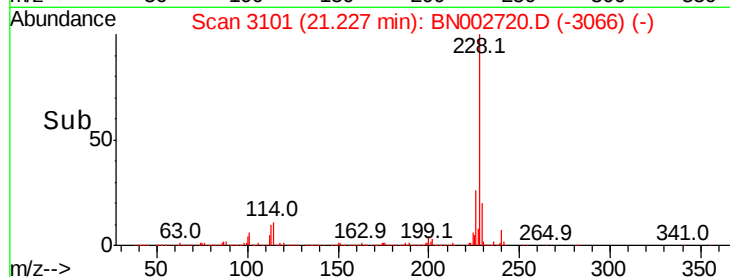
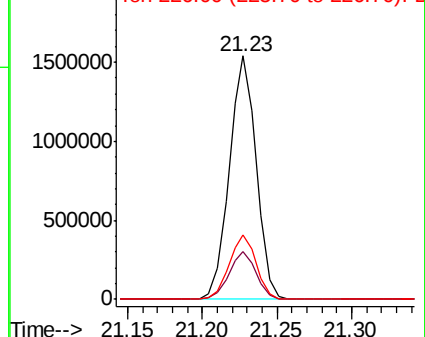


Abundance

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



#86

Di-n-octyl phthalate

Concen: 37.163 ng/ul

RT: 22.03 min Scan# 3238

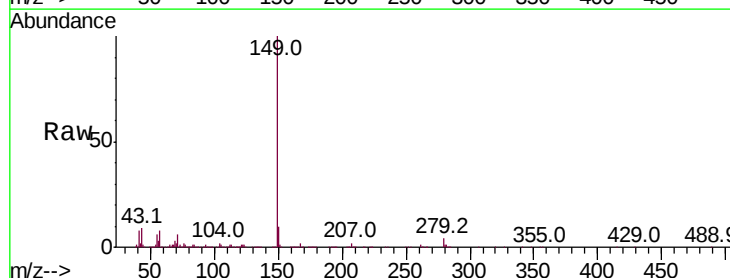
Delta R.T. 0.01 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

Tgt Ion:149 Resp: 1597694

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.4	7.4	11.0

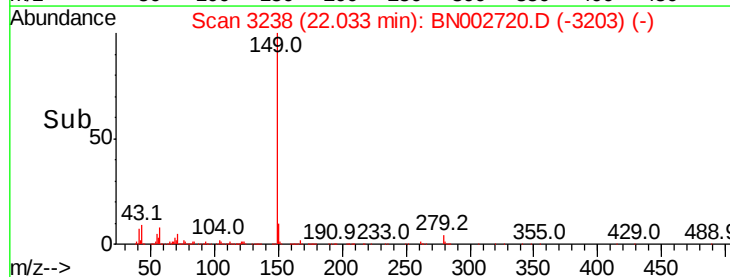
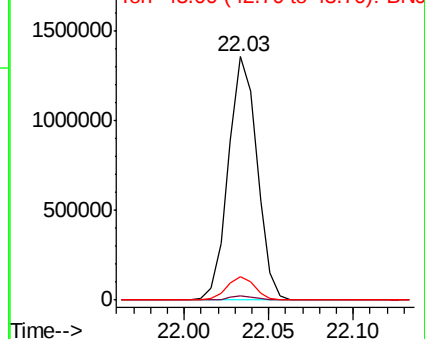


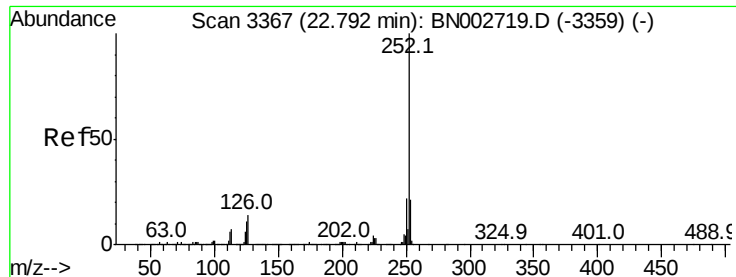
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC





#87

Benzo(b)fluoranthene

Concen: 32.995 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. 0.01 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

Instrument :

BNA_N

ClientSampleId :

DB3M8

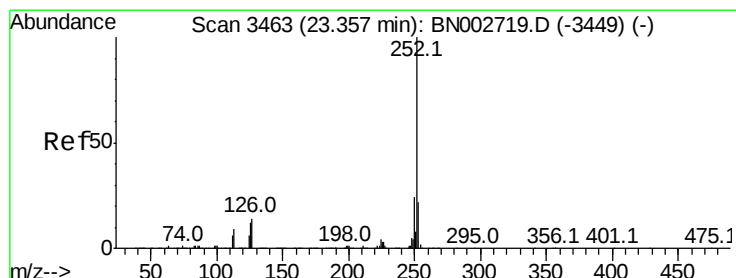
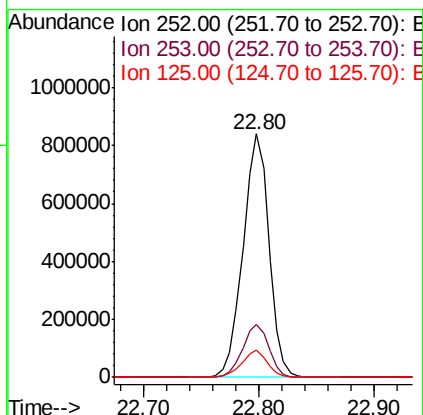
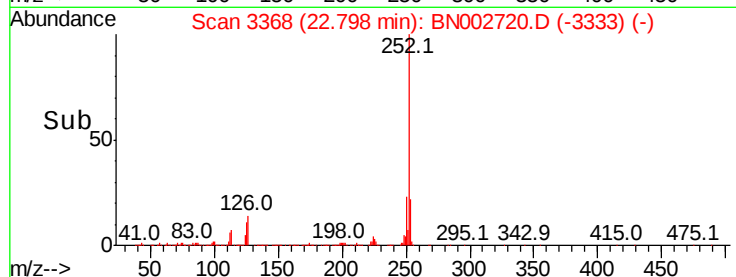
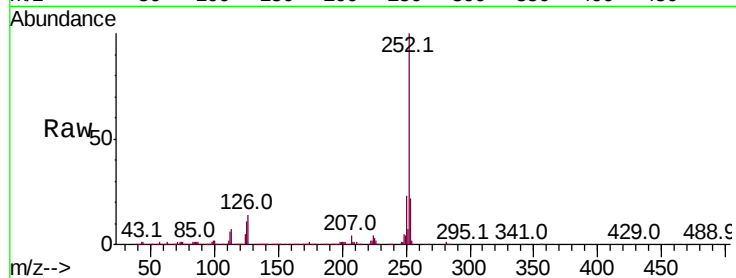
Tot Ion:252 Resp: 1310598

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 11.2 8.0 12.0



#90

Benzo(a)pyrene

Concen: 19.505 ng/ul

RT: 23.36 min Scan# 3464

Delta R.T. 0.01 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

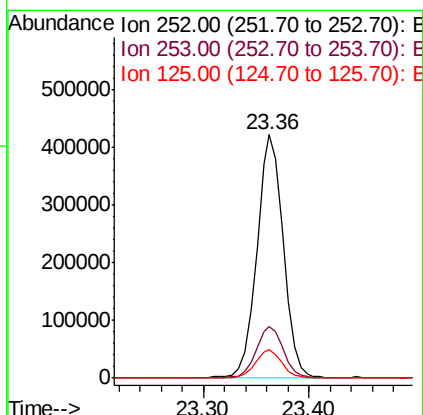
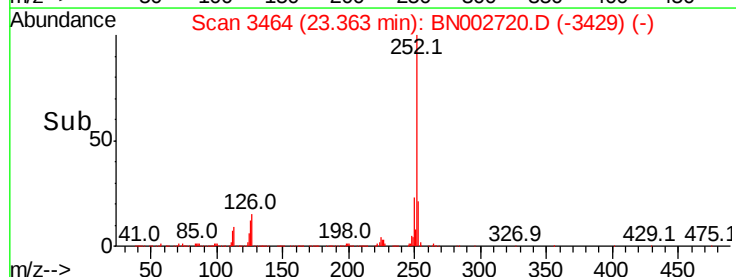
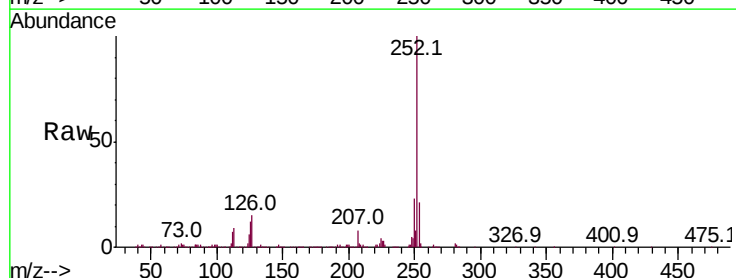
Tgt Ion:252 Resp: 732440

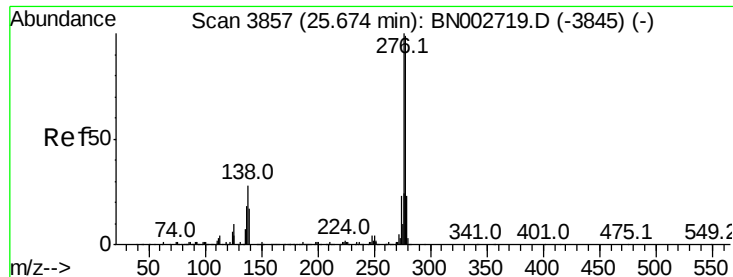
Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

125 11.5 8.8 13.2





#92

Dibenzo(a,h)anthracene

Concen: 43.263 ng/ul

RT: 25.69 min Scan# 3859

Delta R.T. 0.02 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

Instrument :

BNA_N

ClientSampleId :

DB3M8

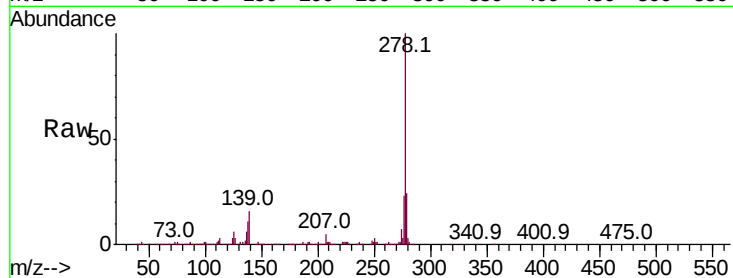
Tot Ion:278 Resp: 1620607

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.7	19.1
279	23.9	18.7	28.1

278 100

139 15.8 12.7 19.1

279 23.9 18.7 28.1

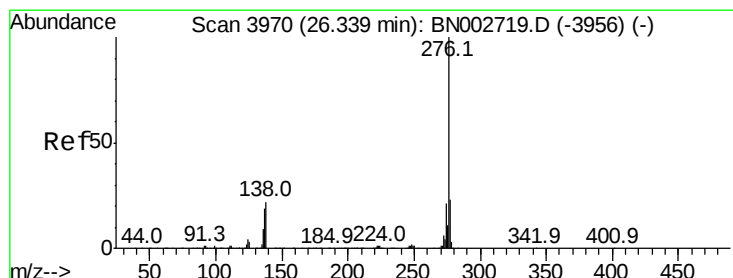
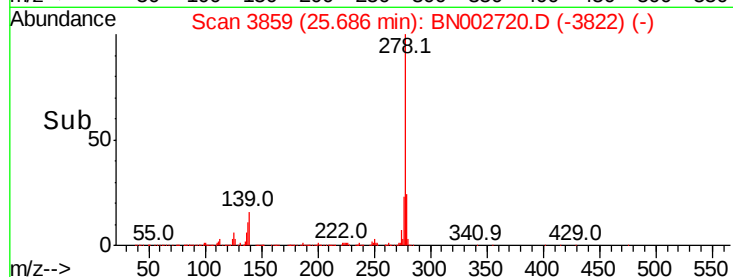
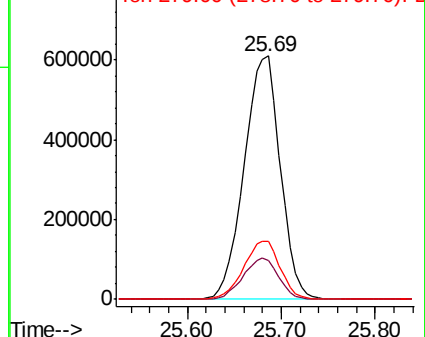


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 22.458 ng/ul

RT: 26.34 min Scan# 3971

Delta R.T. 0.01 min

Lab File: BN002720.D

Acq: 17 Sep 2018 11:31

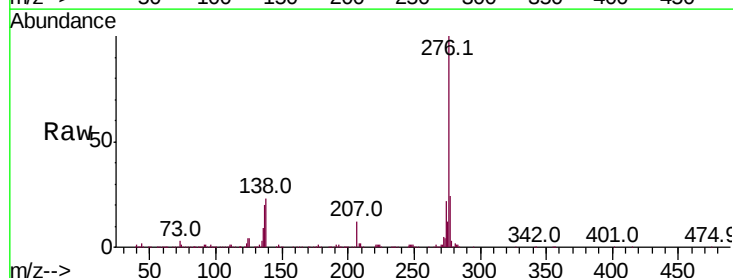
Tgt Ion:276 Resp: 834628

Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.2	27.2
277	24.3	18.6	28.0

276 100

138 23.4 18.2 27.2

277 24.3 18.6 28.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

