

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
 Data File : BN002602.D
 Acq On : 06 Sep 2018 04:13
 Operator : JU/SJ
 Sample : J4688-19MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 06 06:57:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 06 06:54:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	154357	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	721058	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	443145	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1040190	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1071570	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	921791	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	10699	3.27	ng/uL	0.00
5) Phenol-d5	6.85	99	278563	19.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	169204	19.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	226672	21.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	207943	18.38	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	111779	19.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	129764	21.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	232084	20.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	188725	15.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	751241	20.45	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	930863	20.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	107882	15.54	ng/ul	0.00
57) Fluorene-d10	15.29	176	664518	20.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	114926	17.35	ng/ul	0.00
70) Anthracene-d10	17.14	188	1027501	20.68	ng/ul	0.00
78) Pyrene-d10	19.45	212	1139210	22.22	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	1013545	21.03	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.82	77	11775	1.211	ng/ul#	67
6) Phenol	6.88	94	269884	18.724	ng/ul	93
10) 2-Chlorophenol	7.23	128	202715	18.677	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.46	70	166794	17.474	ng/ul#	85
28) Naphthalene	10.48	128	56700	1.528	ng/ul	97
33) 4-Chloro-3-methylphenol	11.73	107	238210	19.276	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	38699	1.413	ng/ul	95
44) Dimethylphthalate	13.76	163	517607	14.367	ng/ul	100
47) Acenaphthylene	14.01	152	91407	2.130	ng/ul	98
49) Acenaphthene	14.36	153	614082	20.289	ng/ul	98
52) 4-Nitrophenol	14.53	109	75693	14.382	ng/ul#	84
53) Dibenzofuran	14.69	168	60201	1.410	ng/ul	99
54) 2,4-Dinitrotoluene	14.67	165	203569	18.548	ng/ul#	88
58) Fluorene	15.35	166	61062	1.748	ng/ul#	97
68) Pentachlorophenol	16.70	266	111336	16.795	ng/ul	98
69) Phenanthrene	17.09	178	1041946	18.170	ng/ul	99
71) Anthracene	17.17	178	248548	4.274	ng/ul	99
74) Carbazole	17.45	167	133921	2.597	ng/ul	98
75) Di-n-butylphthalate	18.02	149	379703	6.056	ng/ul	99
76) Fluoranthene	19.11	202	1945593	29.811	ng/ul	99
79) Pyrene	19.47	202	2972633	46.007	ng/ul	98
82) Benzo(a)anthracene	21.23	228	923426	14.066	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.17	149	2025566	49.327	ng/ul#	96

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QLast Update : Thu Sep 06 06:54:57 2018
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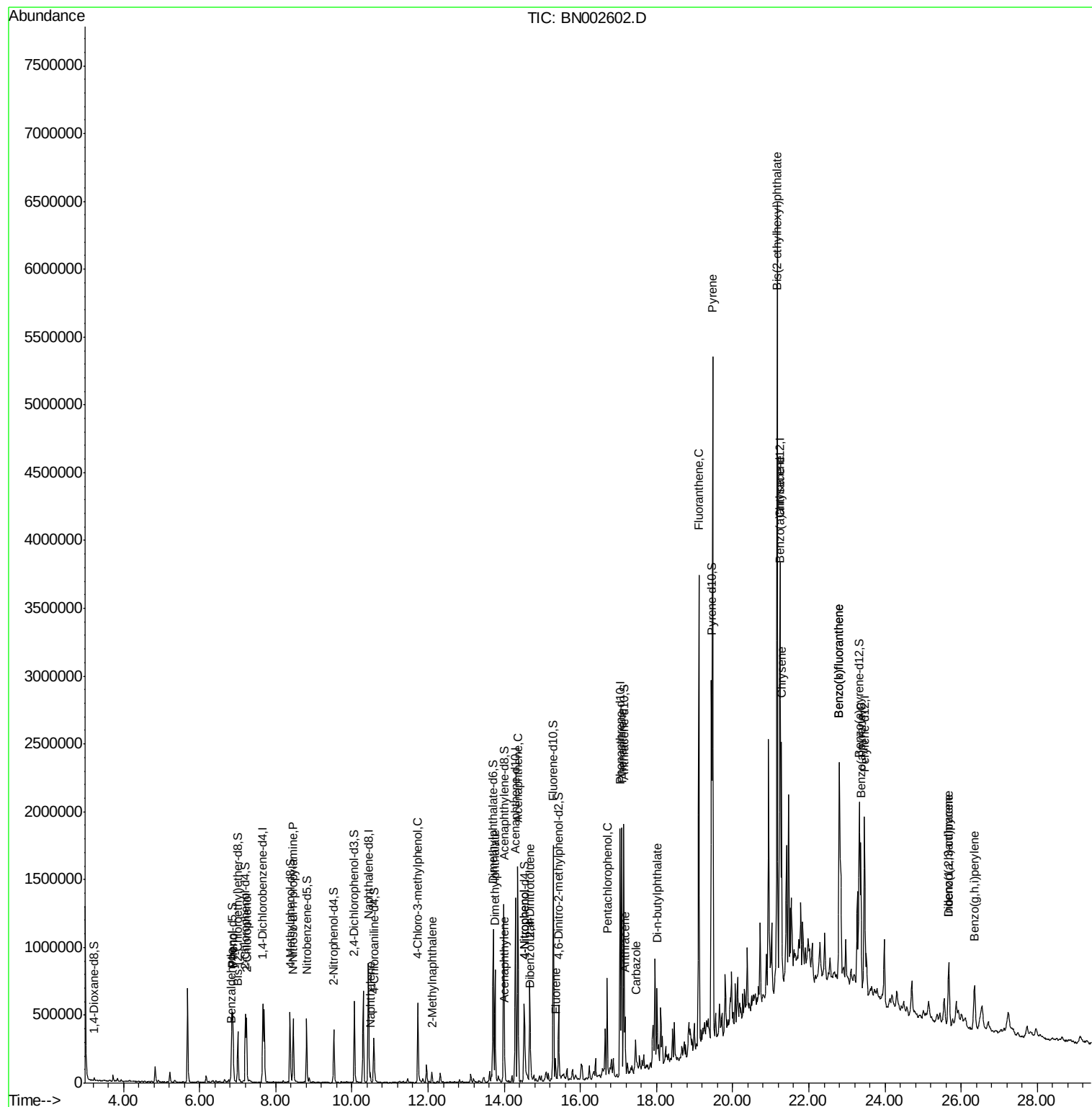
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Chrysene	21.28	228	981916	15.803	ng/ul	98
87) Benzo(b)fluoranthene	22.80	252	1262103	22.842	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	1262103	24.246	ng/ul	98
90) Benzo(a)pyrene	23.37	252	687774	13.067	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.67	276	422493	6.747	ng/ul#	91
92) Dibenzo(a,h)anthracene	25.67	278	113119	2.161	ng/ul#	78
93) Benzo(q,h,i)perylene	26.35	276	373951	7.157	ng/ul	97

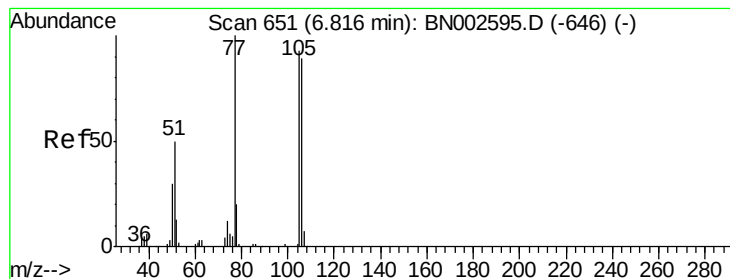
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.211 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. 0.01 min

Lab File: BN002602.D

Acq: 06 Sep 2018 04:13

Instrument :

BNA_N

ClientSampled :

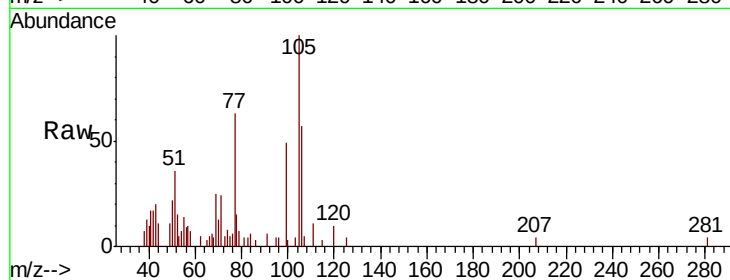
Tot Ion: 77 Resp: 11775

Ion Ratio Lower Upper

77 100

105 158.5 80.6 120.8#

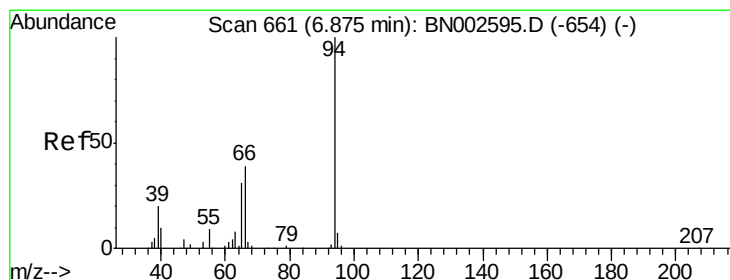
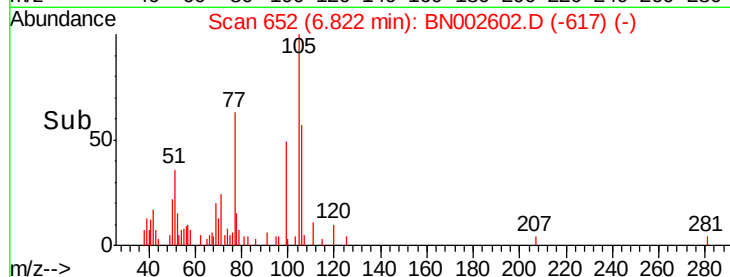
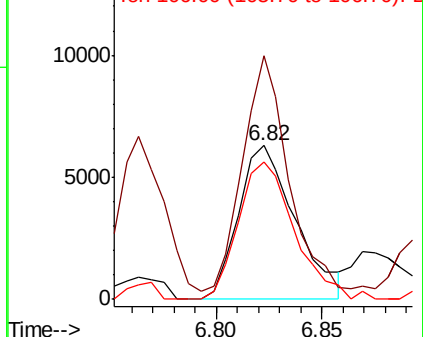
106 89.6 77.7 116.5



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#6

Phenol

Concen: 18.724 ng/ul

RT: 6.88 min Scan# 661

Delta R.T. 0.00 min

Lab File: BN002602.D

Acq: 06 Sep 2018 04:13

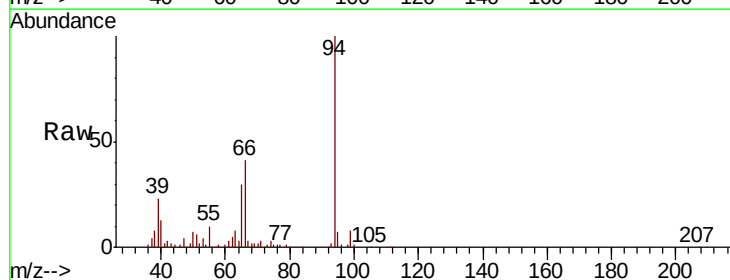
Tgt Ion: 94 Resp: 269884

Ion Ratio Lower Upper

94 100

65 29.7 21.0 31.6

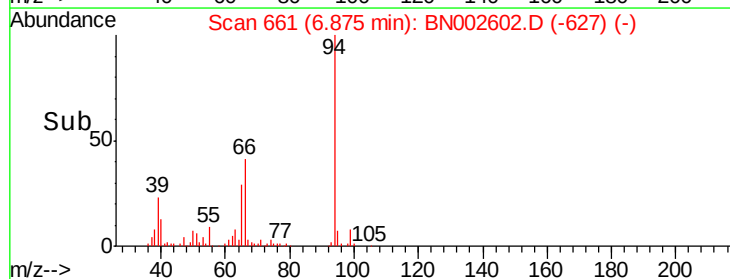
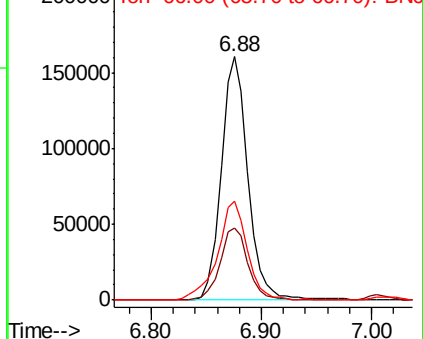
66 40.9 29.3 43.9

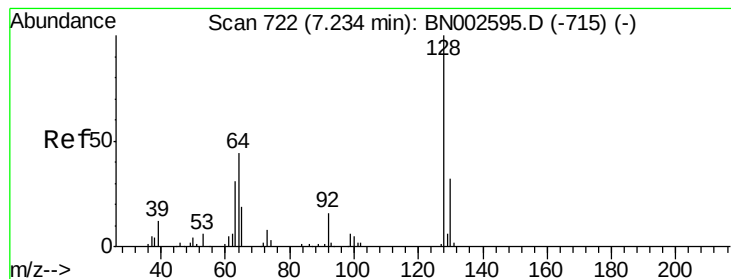


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0





#10

2-Chlorophenol

Concen: 18.677 ng/ul

RT: 7.23 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN002602.D

Acq: 06 Sep 2018 04:13

Instrument :

BNA_N

ClientSampled :

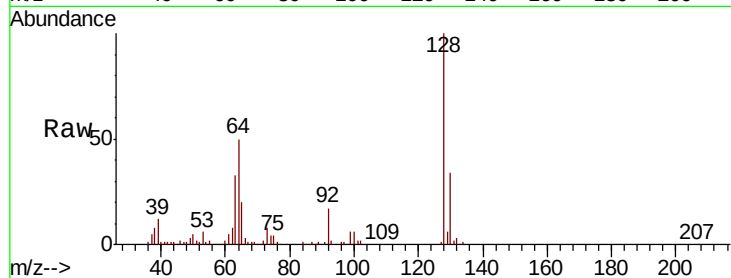
Tot Ion:128 Resp: 202715

Ion Ratio Lower Upper

128 100

64 50.0 31.9 47.9#

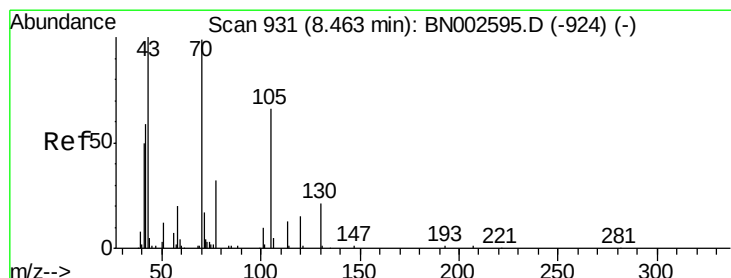
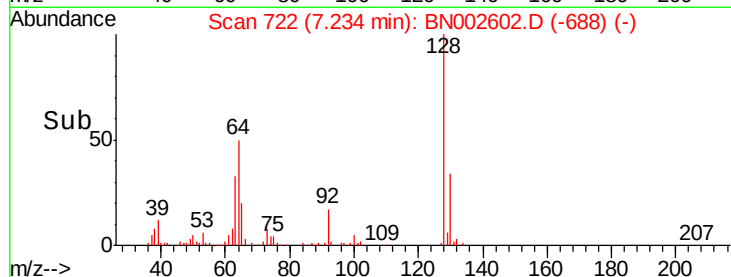
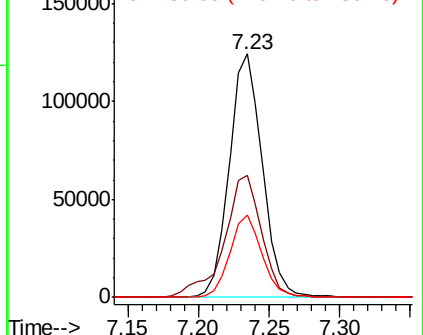
130 33.9 25.6 38.4



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



#15

N-Nitroso-di-n-propylamine

Concen: 17.474 ng/ul

RT: 8.46 min Scan# 931

Delta R.T. 0.00 min

Lab File: BN002602.D

Acq: 06 Sep 2018 04:13

Tgt Ion: 70 Resp: 166794

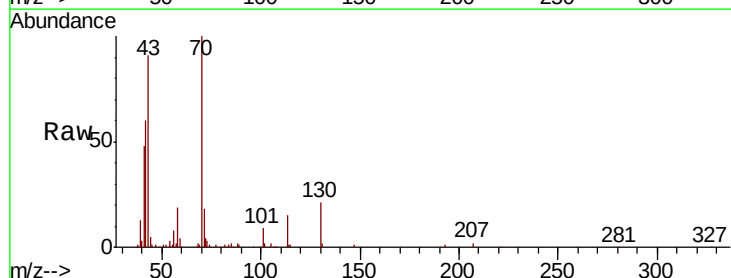
Ion Ratio Lower Upper

70 100

42 59.7 35.4 53.0#

101 9.4 8.4 12.6

130 21.4 18.2 27.4

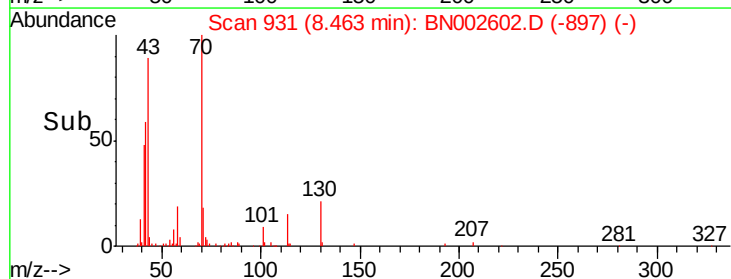
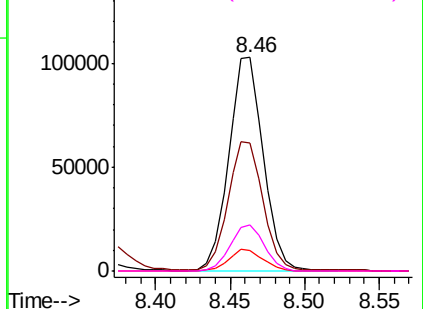


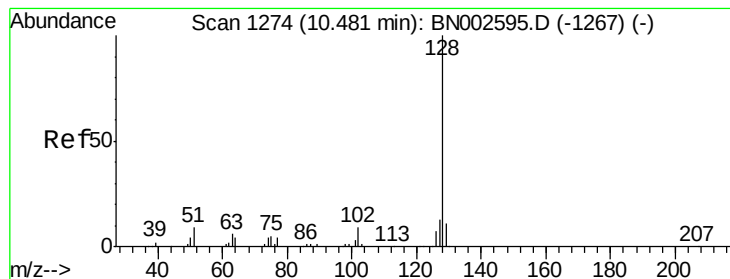
Abundance Ion 70.00 (69.70 to 70.70): BNC

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





#28

Naphthalene

Concen: 1.528 ng/ul

RT: 10.48 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BN002602.D

Acq: 06 Sep 2018 04:13

Instrument :

BNA_N

ClientSampleId :

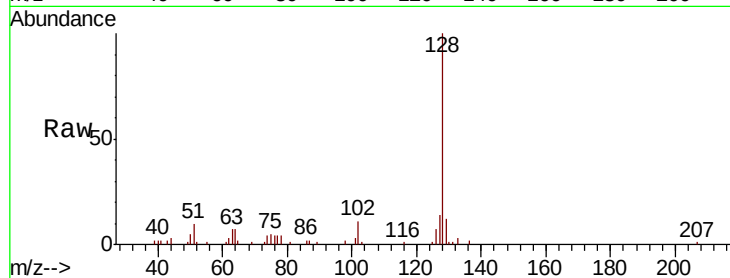
Tot Ion:128 Resp: 56700

Ion Ratio Lower Upper

128 100

129 12.0 8.8 13.2

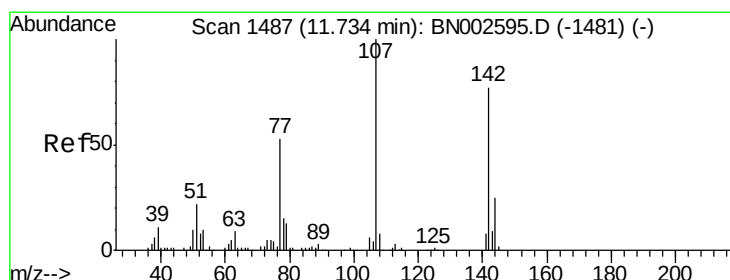
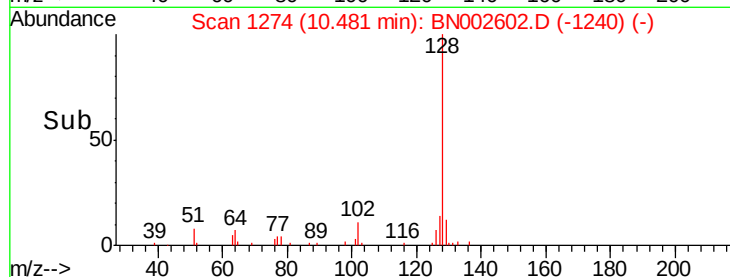
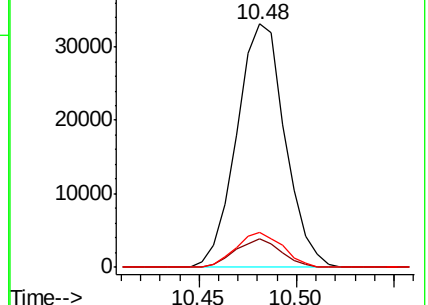
127 14.3 10.5 15.7



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: 19.276 ng/ul

RT: 11.73 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN002602.D

Acq: 06 Sep 2018 04:13

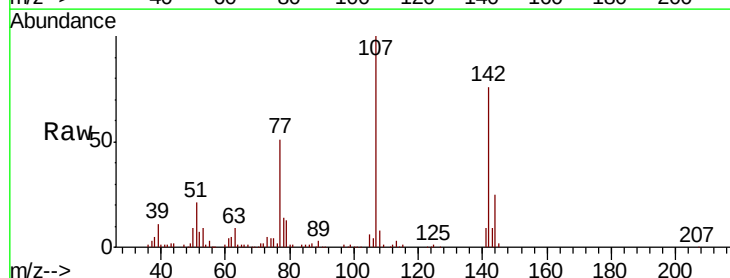
Tgt Ion:107 Resp: 238210

Ion Ratio Lower Upper

107 100

144 24.9 20.4 30.6

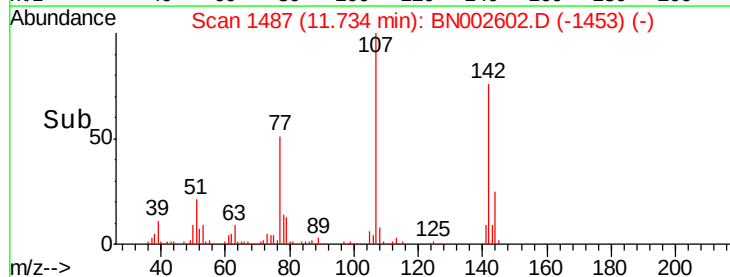
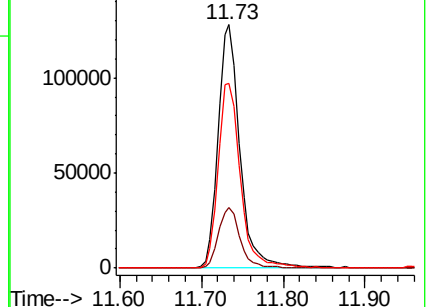
142 75.8 62.5 93.7

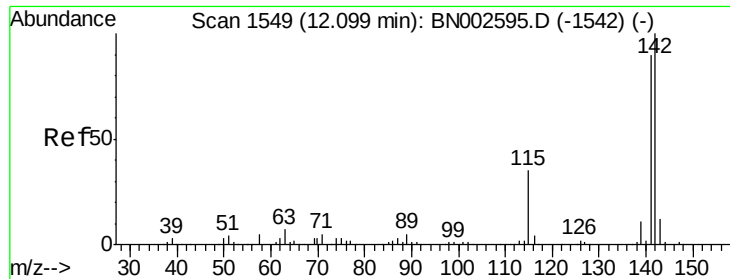


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

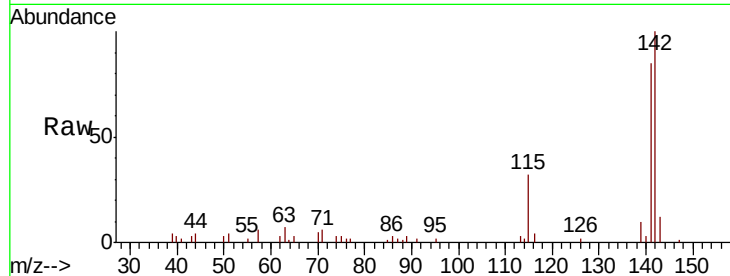




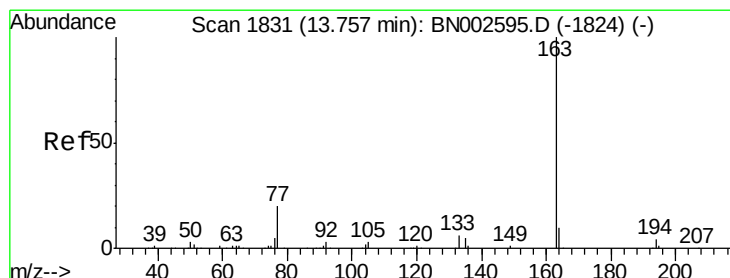
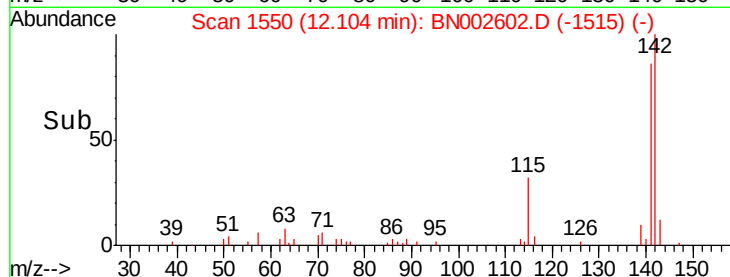
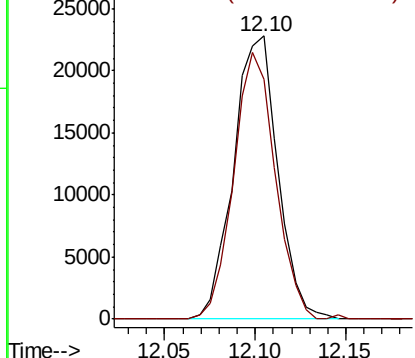
#34
 2-Methylnaphthalene
 Concen: 1.413 ng/ul
 RT: 12.10 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BN002602.D
 Acq: 06 Sep 2018 04:13

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:142 Resp: 38699
 Ion Ratio Lower Upper
 142 100
 141 84.6 71.6 107.4

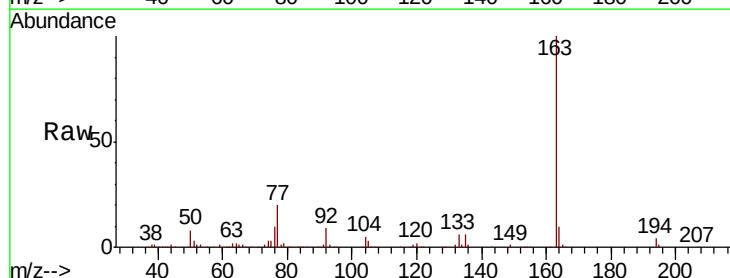


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

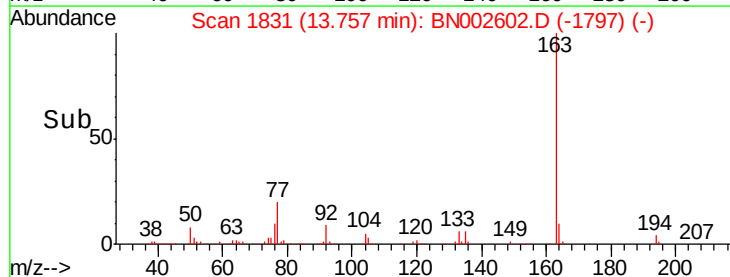
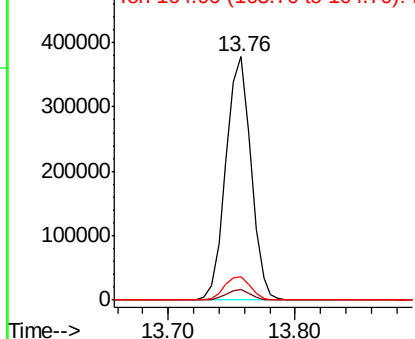


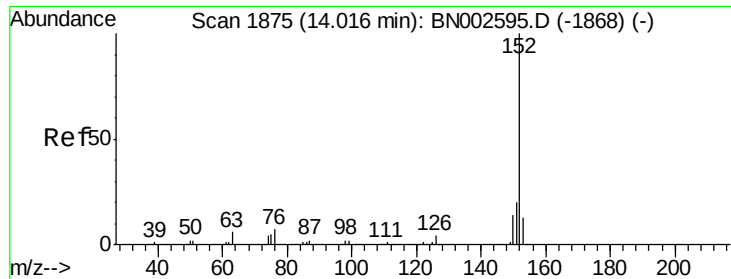
#44
 Dimethylphthalate
 Concen: 14.367 ng/ul
 RT: 13.76 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BN002602.D
 Acq: 06 Sep 2018 04:13

Tgt Ion:163 Resp: 517607
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.2 4.8
 164 9.7 7.8 11.8



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

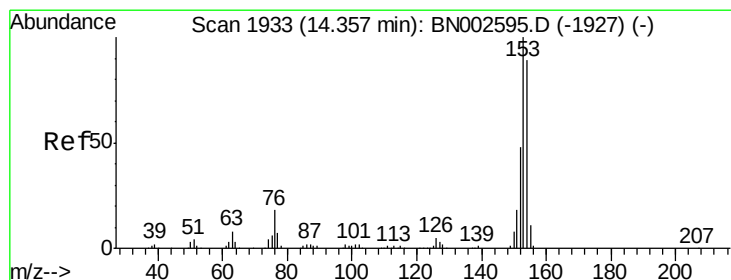
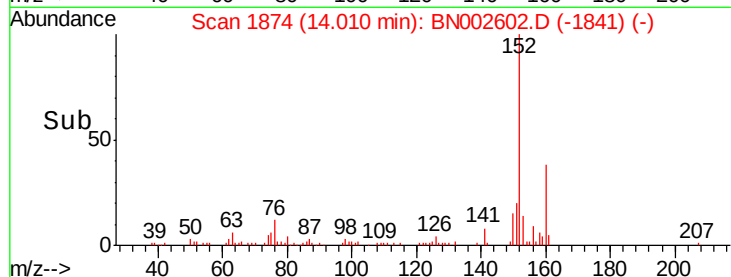
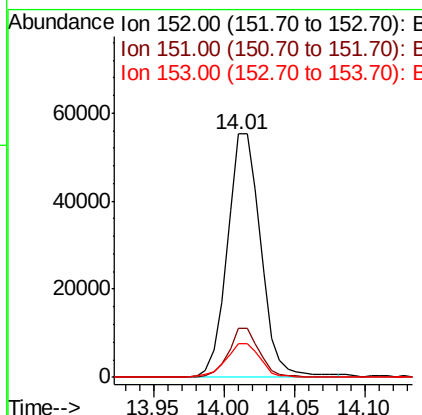
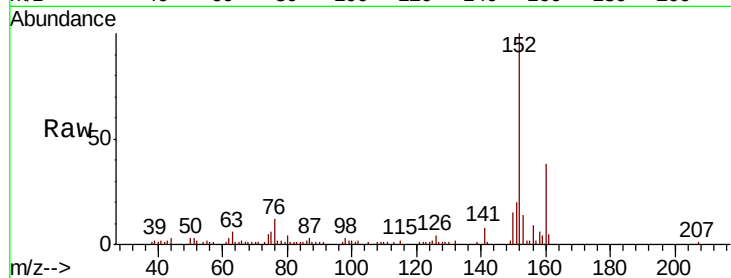




#47
Acenaphthylene
Concen: 2.130 ng/ul
RT: 14.01 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BN002602.D
Acq: 06 Sep 2018 04:13

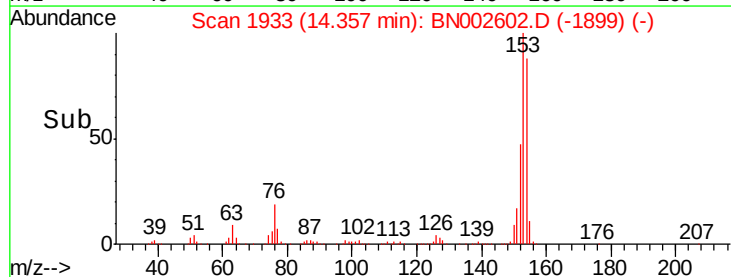
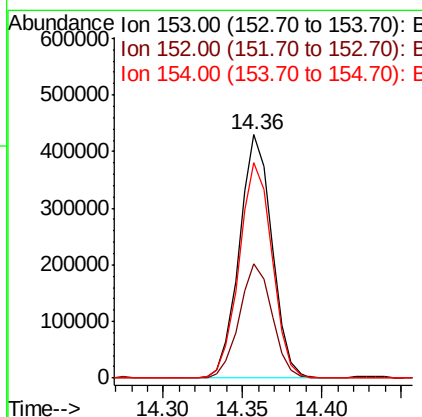
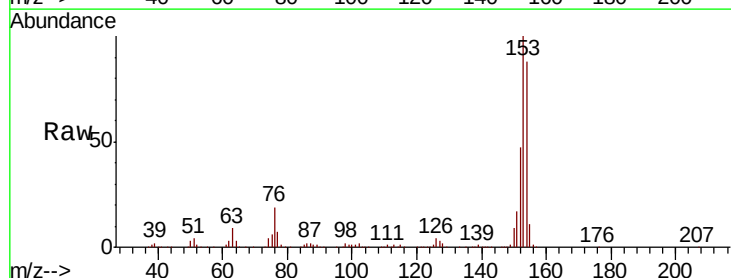
Instrument :
BNA_N
ClientSampleId :

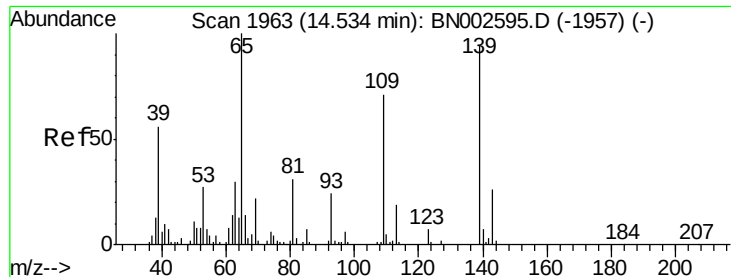
Tot Ion:152 Resp: 91407
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 13.7 10.5 15.7



#49
Acenaphthene
Concen: 20.289 ng/ul
RT: 14.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN002602.D
Acq: 06 Sep 2018 04:13

Tgt Ion:153 Resp: 614082
Ion Ratio Lower Upper
153 100
152 46.9 38.3 57.5
154 88.2 71.8 107.8





#52

4-Nitrophenol

Concen: 14.382 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BN002602.D

Acq: 06 Sep 2018 04:13

Instrument :

BNA_N

ClientSampled :

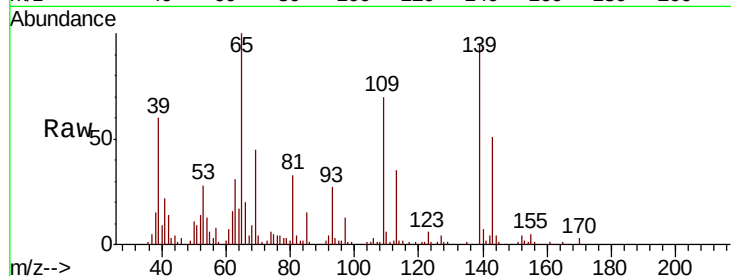
Tot Ion:109 Resp: 75693

Ion Ratio Lower Upper

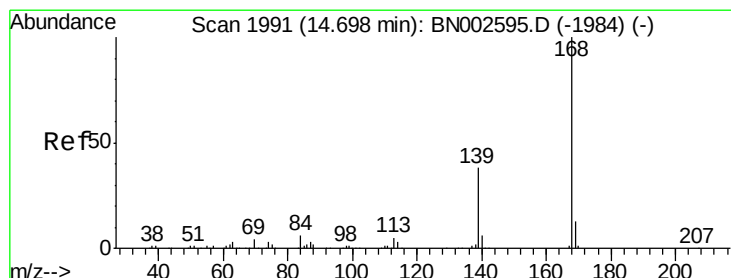
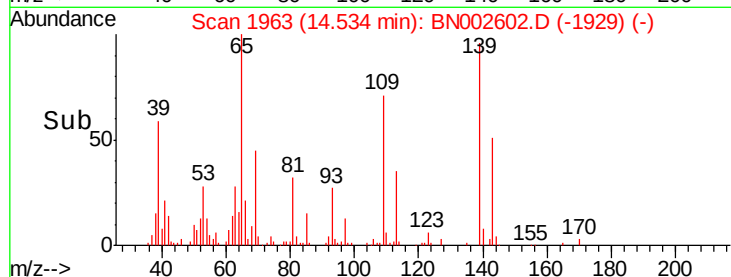
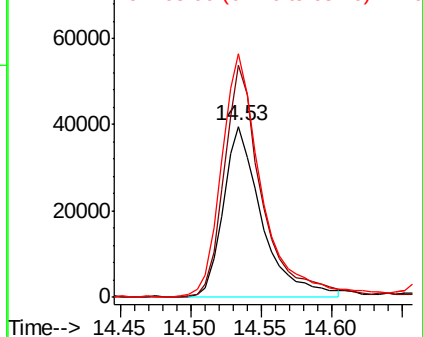
109 100

139 136.0 103.7 155.5

65 142.5 89.4 134.2#



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): BNO



#53

Dibenzofuran

Concen: 1.410 ng/ul

RT: 14.69 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BN002602.D

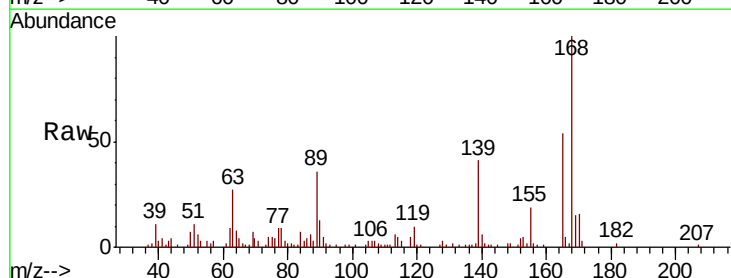
Acq: 06 Sep 2018 04:13

Tgt Ion:168 Resp: 60201

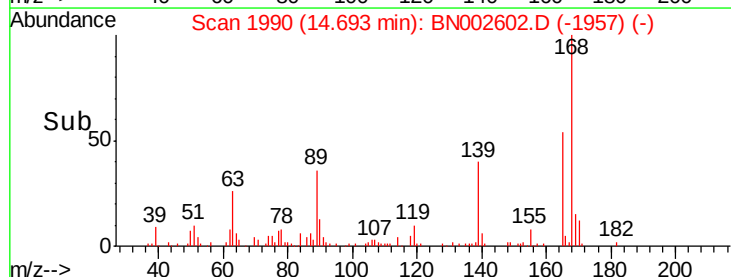
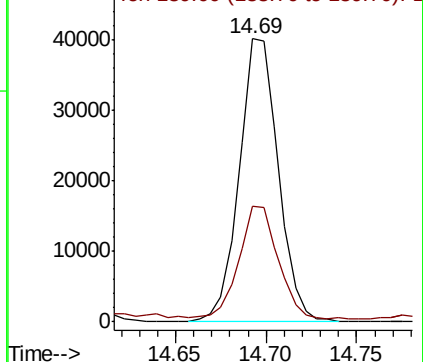
Ion Ratio Lower Upper

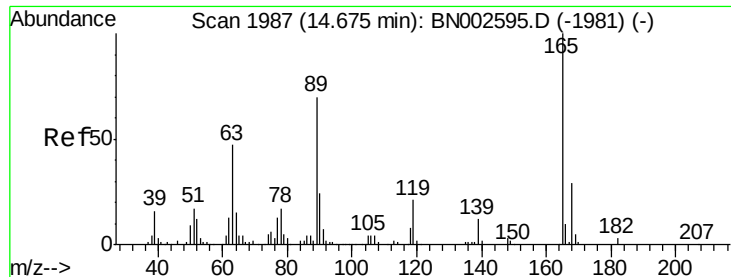
168 100

139 41.1 32.2 48.2



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





#54

2,4-Dinitrotoluene

Concen: 18.548 ng/ul

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BN002602.D

Acq: 06 Sep 2018 04:13

Instrument :

BNA_N

ClientSampleId :

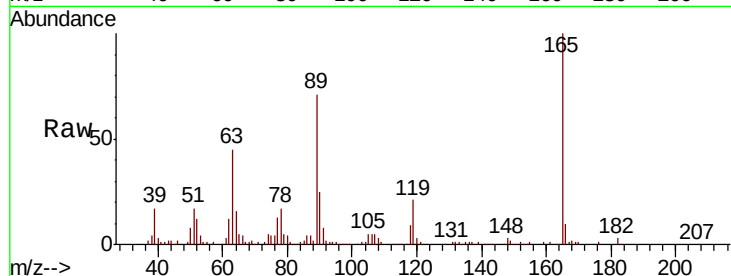
Tot Ion:165 Resp: 203569

Ion Ratio Lower Upper

165 100

63 45.1 29.8 44.6#

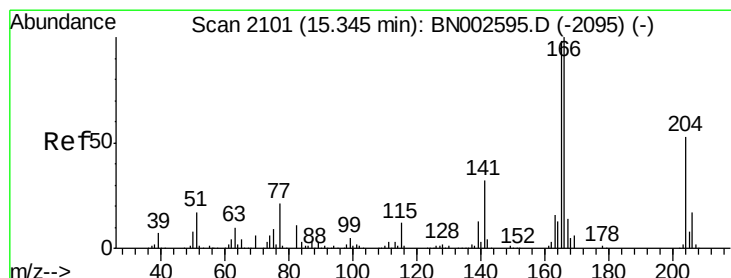
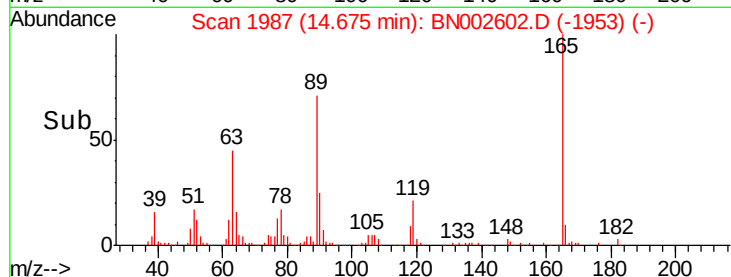
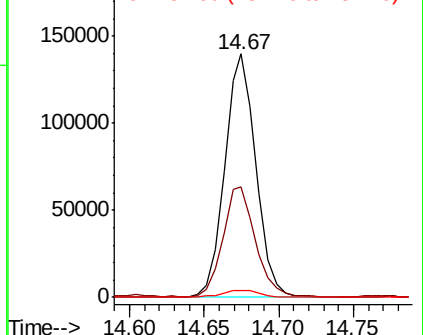
182 3.0 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 1.748 ng/ul

RT: 15.35 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BN002602.D

Acq: 06 Sep 2018 04:13

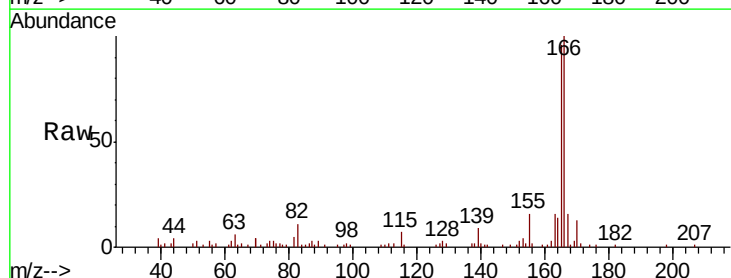
Tgt Ion:166 Resp: 61062

Ion Ratio Lower Upper

166 100

165 95.7 78.5 117.7

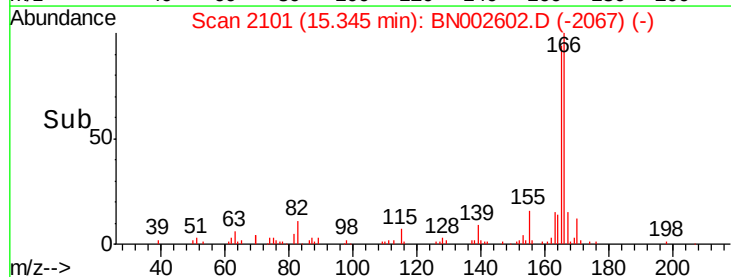
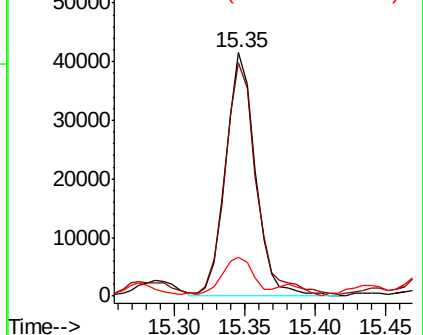
167 16.2 10.7 16.1#

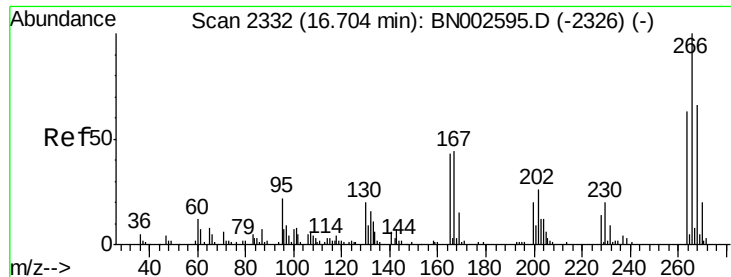


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

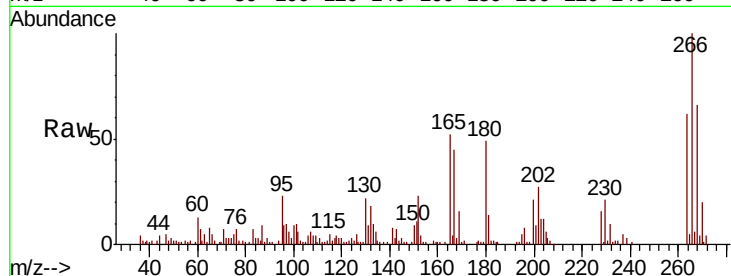




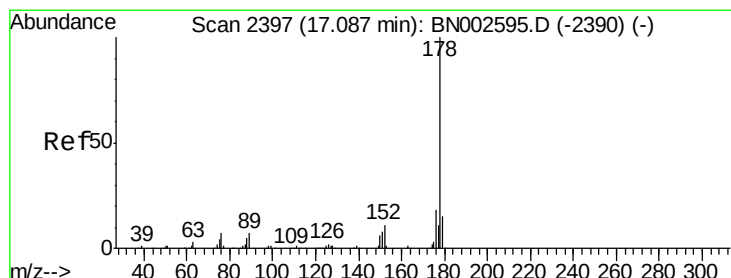
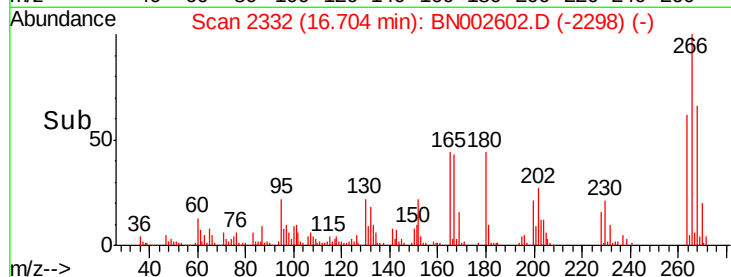
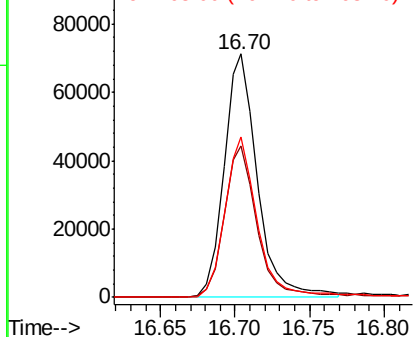
#68
 Pentachlorophenol
 Concen: 16.795 ng/ul
 RT: 16.70 min Scan# 2332
 Delta R.T. 0.00 min
 Lab File: BN002602.D
 Acq: 06 Sep 2018 04:13

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.5	75.7
268	66.1	50.9	76.3

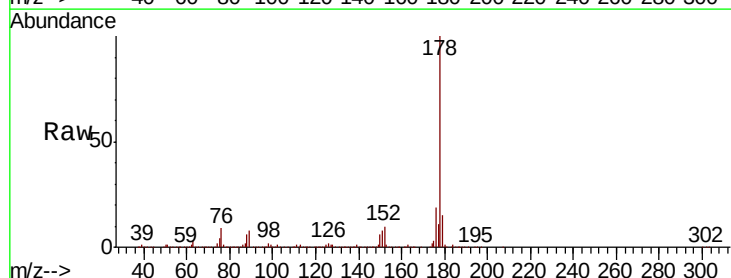


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

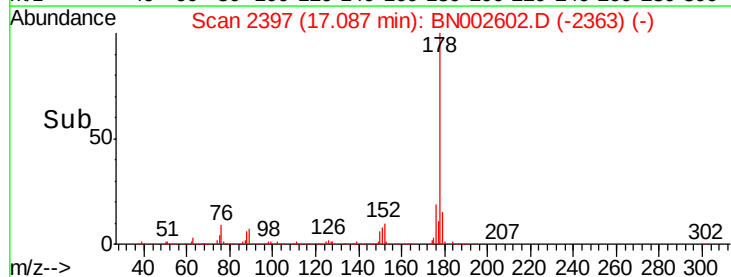
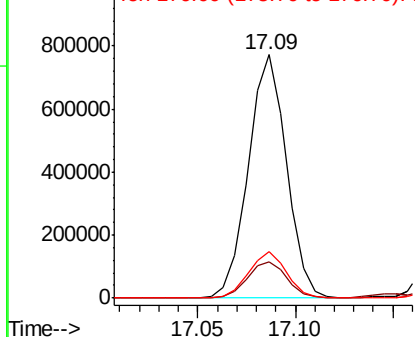


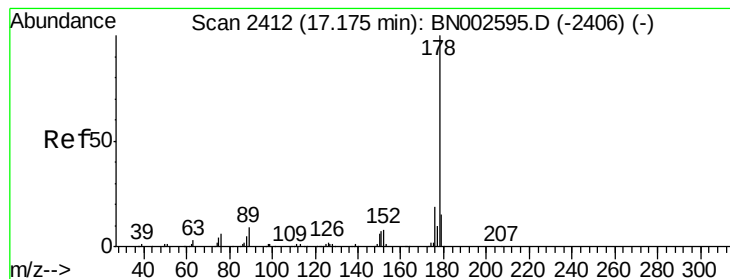
#69
 Phenanthrene
 Concen: 18.170 ng/ul
 RT: 17.09 min Scan# 2397
 Delta R.T. 0.00 min
 Lab File: BN002602.D
 Acq: 06 Sep 2018 04:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	18.9	15.6	23.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 4.274 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BN002602.D

Acq: 06 Sep 2018 04:13

Instrument :

BNA_N

ClientSampleId :

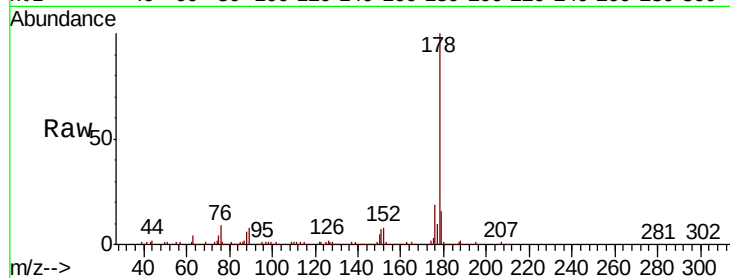
Tot Ion:178 Resp: 248548

Ion Ratio Lower Upper

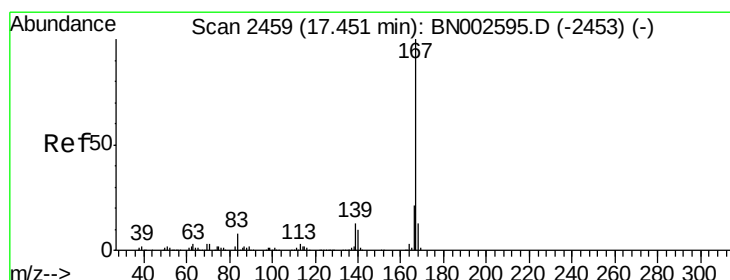
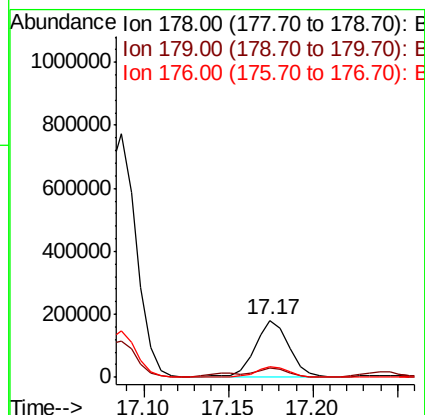
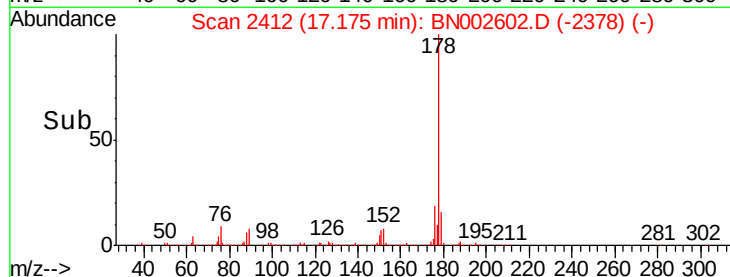
178 100

179 15.9 12.1 18.1

176 18.7 14.8 22.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#74

Carbazole

Concen: 2.597 ng/ul

RT: 17.45 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BN002602.D

Acq: 06 Sep 2018 04:13

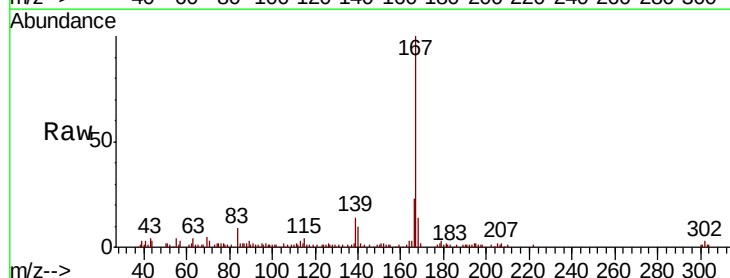
Tgt Ion:167 Resp: 133921

Ion Ratio Lower Upper

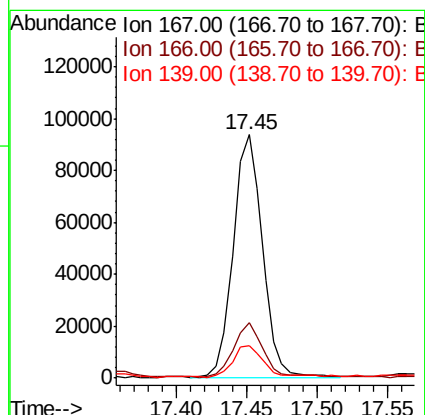
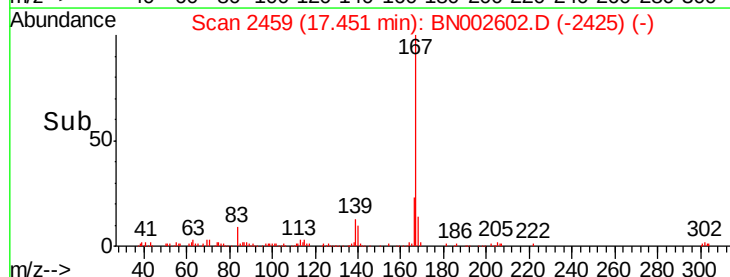
167 100

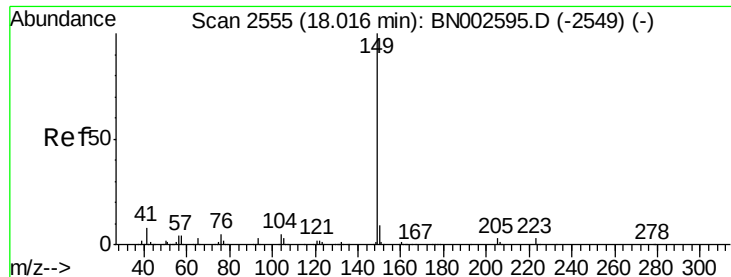
166 22.8 17.0 25.6

139 13.6 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#75

Di-n-butylphthalate

Concen: 6.056 ng/ul

RT: 18.02 min Scan# 2555

Delta R.T. 0.00 min

Lab File: BN002602.D

Acq: 06 Sep 2018 04:13

Instrument :

BNA_N

ClientSampleId :

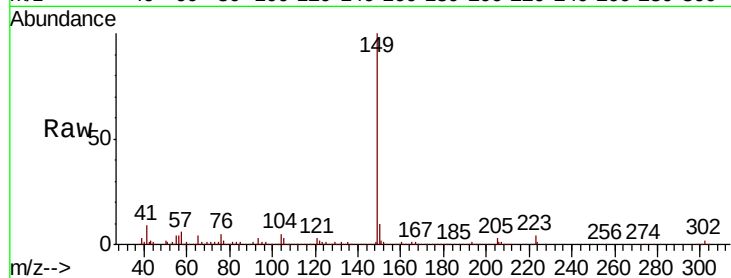
Tot Ion:149 Resp: 379703

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.0

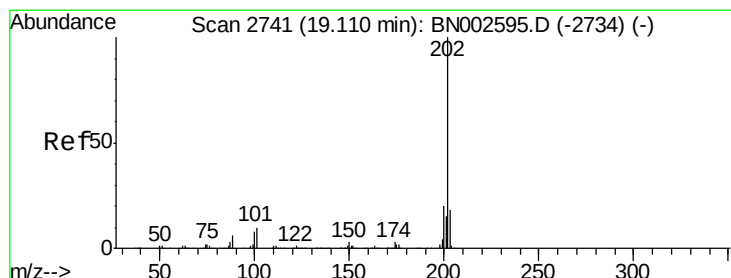
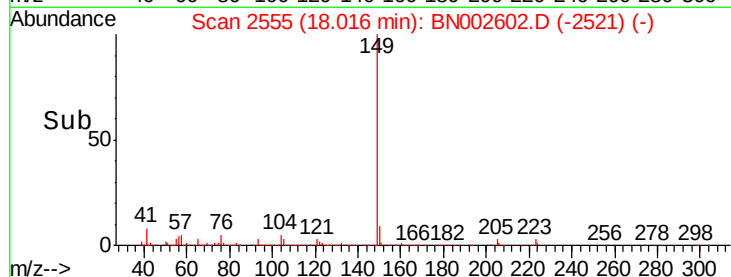
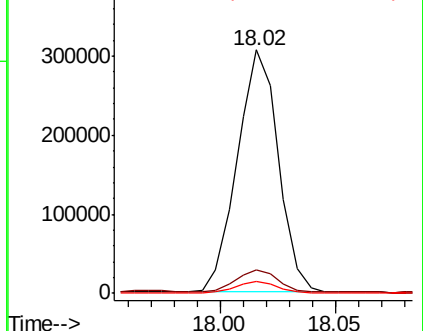
104 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Fluoranthene

Concen: 29.811 ng/ul

RT: 19.11 min Scan# 2741

Delta R.T. 0.00 min

Lab File: BN002602.D

Acq: 06 Sep 2018 04:13

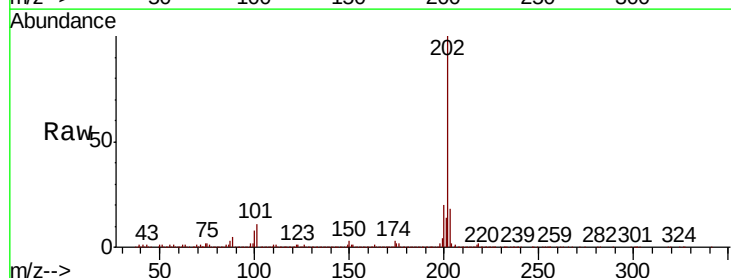
Tgt Ion:202 Resp: 1945593

Ion Ratio Lower Upper

202 100

101 10.7 8.8 13.2

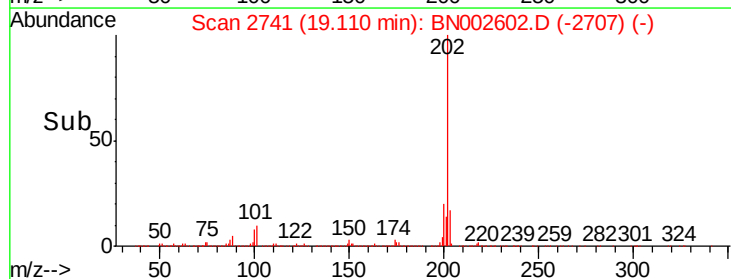
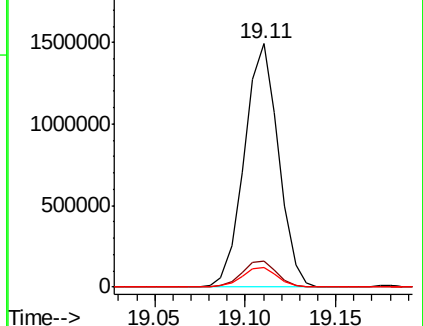
100 8.3 6.6 9.8

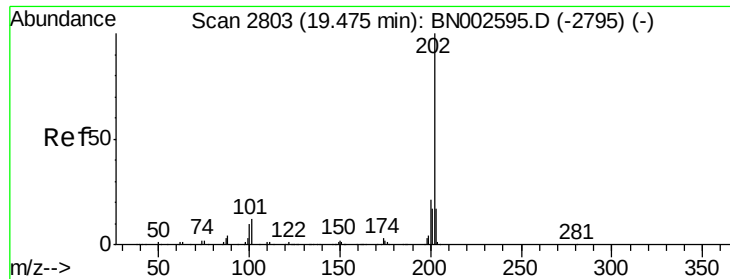


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

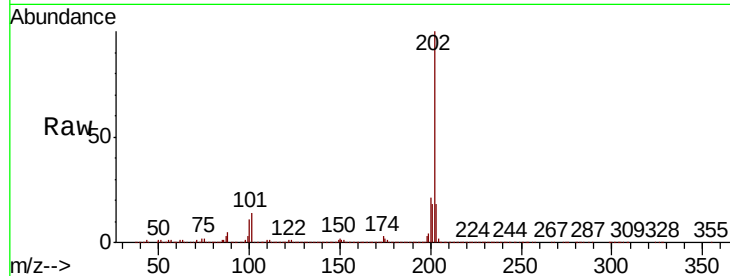




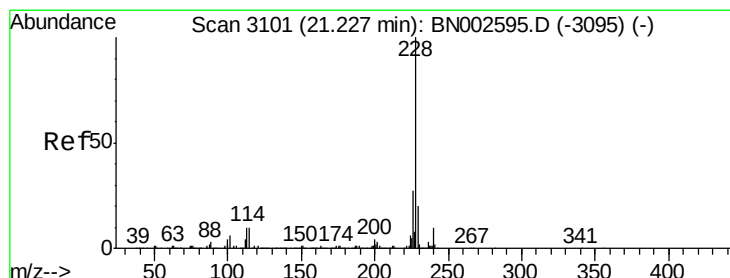
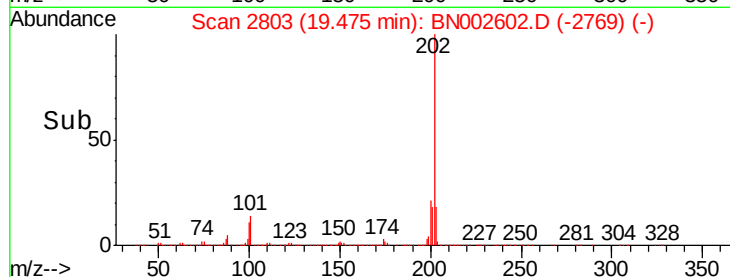
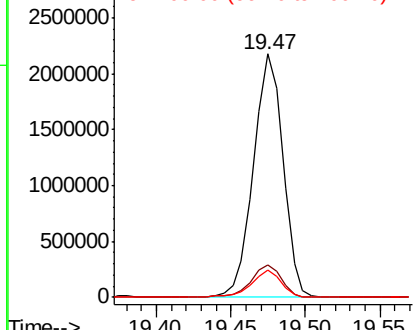
#79
Pvrene
Concen: 46.007 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. 0.00 min
Lab File: BN002602.D
Acq: 06 Sep 2018 04:13

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 2972633
Ion Ratio Lower Upper
202 100
101 13.5 10.2 15.2
100 11.1 8.5 12.7

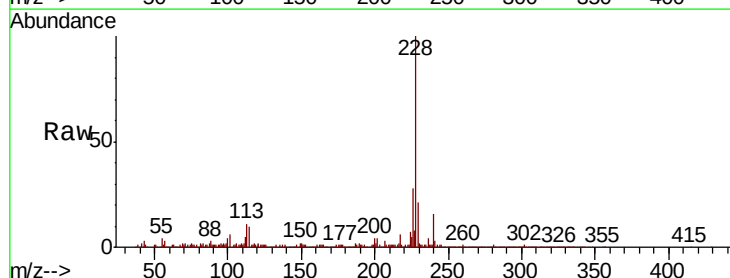


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

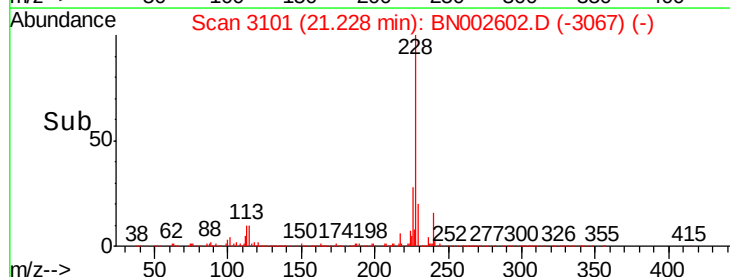
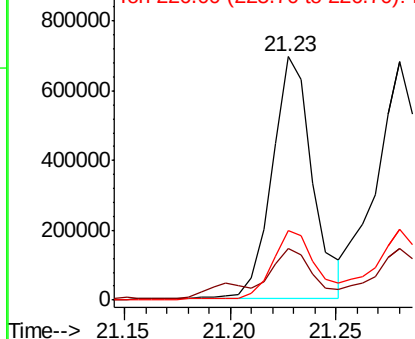


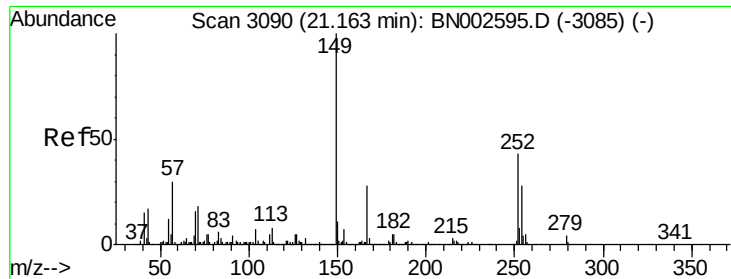
#82
Benzo(a)anthracene
Concen: 14.066 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BN002602.D
Acq: 06 Sep 2018 04:13

Tgt Ion:228 Resp: 923426
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 28.4 21.8 32.6



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

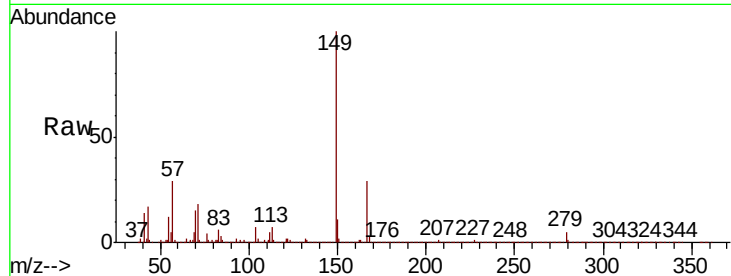




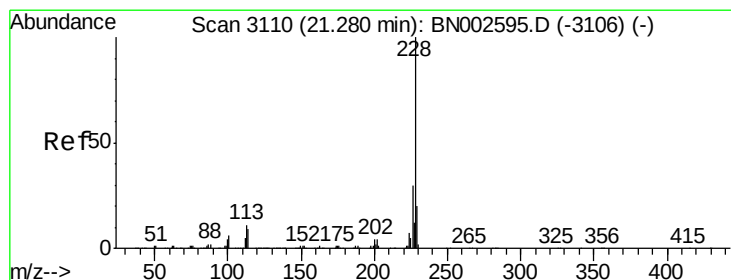
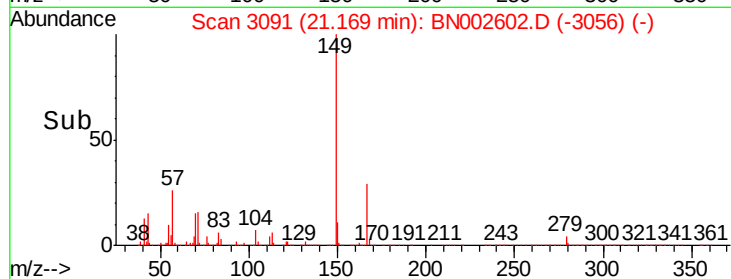
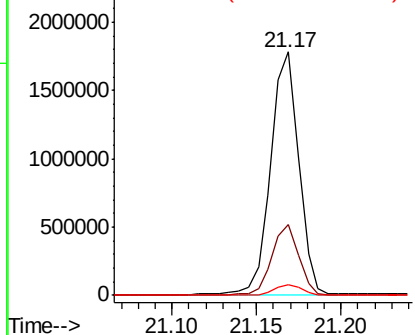
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.327 ng/ul
 RT: 21.17 min Scan# 3091
 Delta R.T. 0.01 min
 Lab File: BN002602.D
 Acq: 06 Sep 2018 04:13

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:149 Resp: 2025566
 Ion Ratio Lower Upper
 149 100
 167 28.9 21.6 32.4
 279 4.5 3.0 4.4#

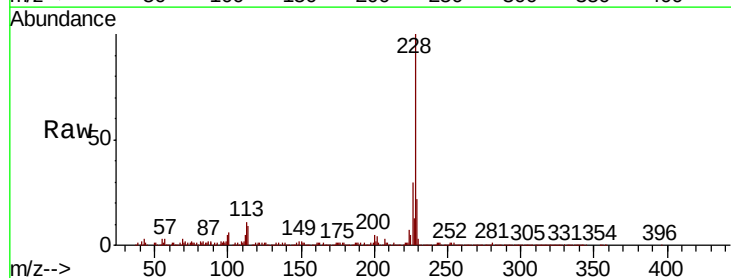


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

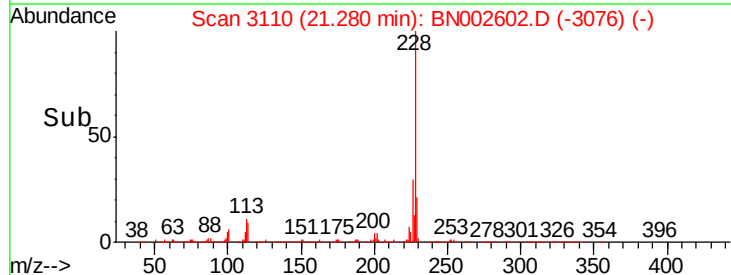
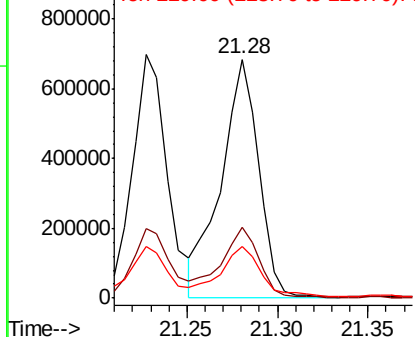


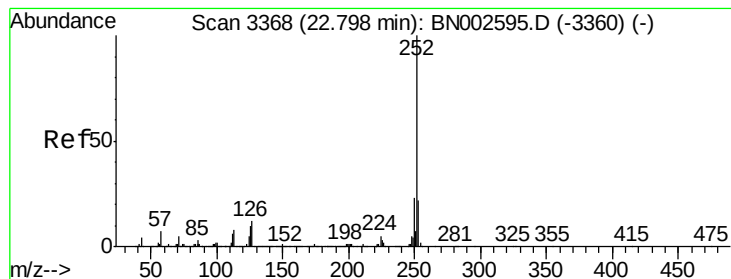
#84
 Chrysene
 Concen: 15.803 ng/ul
 RT: 21.28 min Scan# 3110
 Delta R.T. 0.00 min
 Lab File: BN002602.D
 Acq: 06 Sep 2018 04:13

Tgt Ion:228 Resp: 981916
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.0 36.0
 229 21.6 15.6 23.4



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





#87

Benzo(b)fluoranthene

Concen: 22.842 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BN002602.D

Acq: 06 Sep 2018 04:13

Instrument :

BNA_N

ClientSampleId :

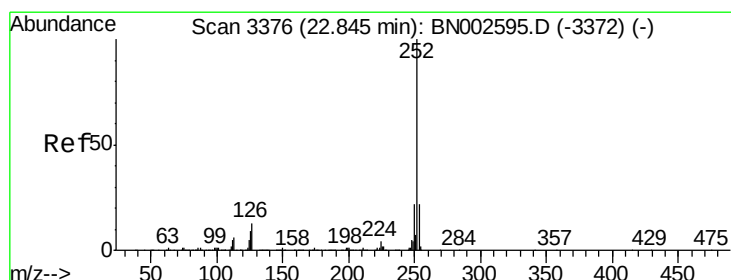
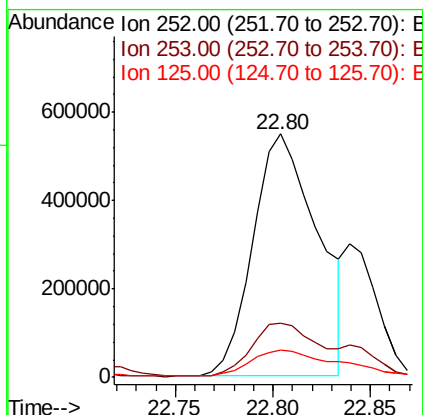
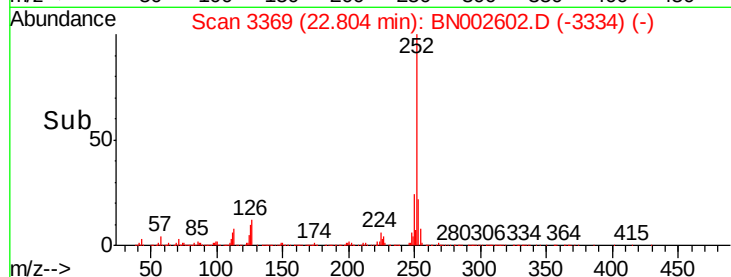
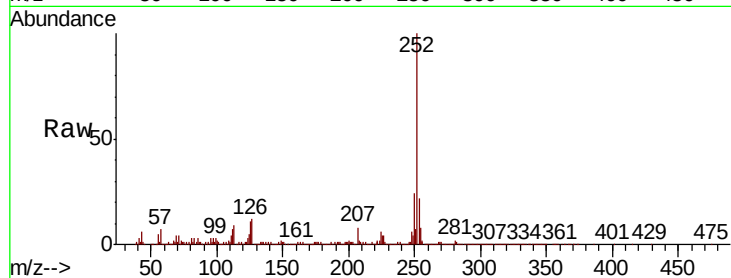
Tot Ion:252 Resp: 1262103

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.3	8.5	12.7

252 100

253 22.2 17.5 26.3

125 11.3 8.5 12.7



#88

Benzo(k)fluoranthene

Concen: 24.246 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. -0.04 min

Lab File: BN002602.D

Acq: 06 Sep 2018 04:13

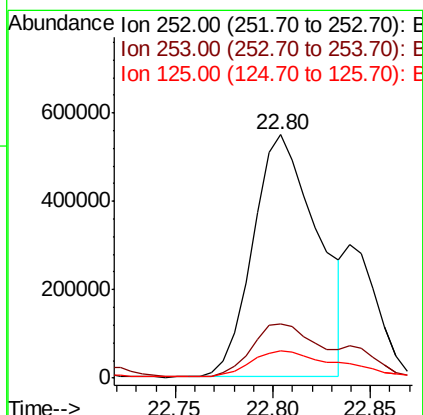
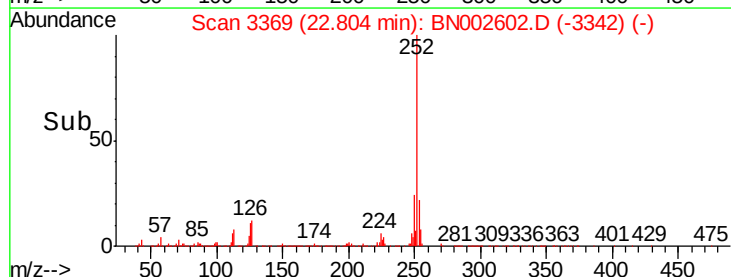
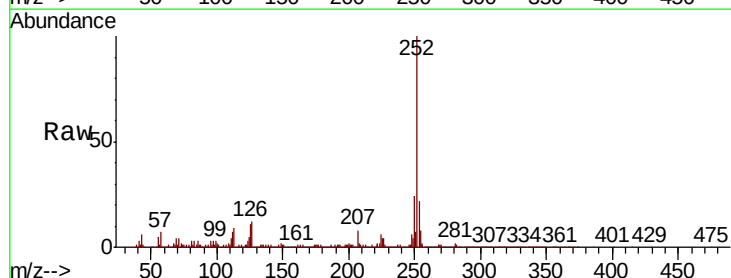
Tgt Ion:252 Resp: 1262103

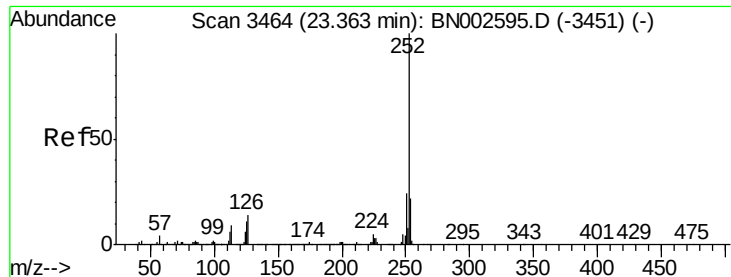
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	11.3	8.2	12.2

252 100

253 22.2 17.3 25.9

125 11.3 8.2 12.2





#90

Benzo(a)pyrene

Concen: 13.067 ng/ul

RT: 23.37 min Scan# 3465

Delta R.T. 0.01 min

Lab File: BN002602.D

Acq: 06 Sep 2018 04:13

Instrument :

BNA_N

ClientSampleId :

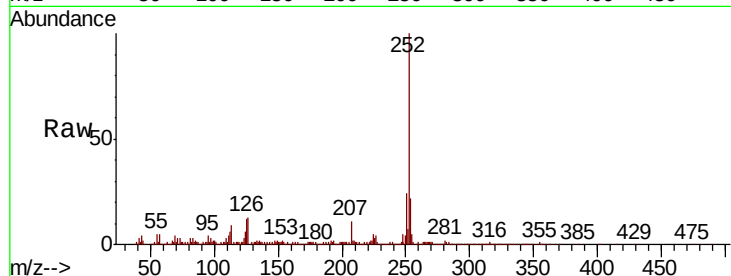
Tot Ion:252 Resp: 687774

Ion Ratio Lower Upper

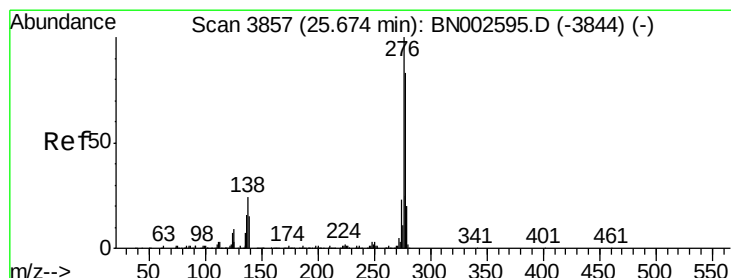
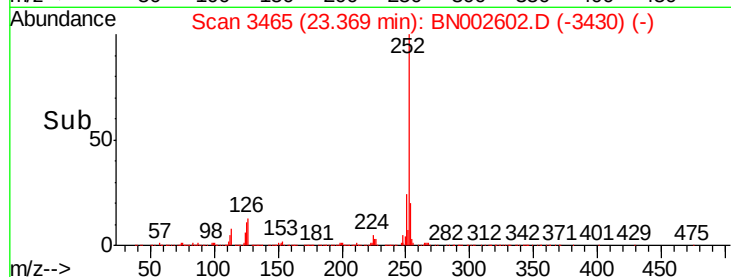
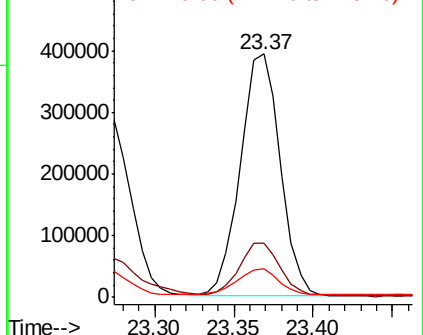
252 100

253 22.4 17.2 25.8

125 11.6 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 6.747 ng/ul

RT: 25.67 min Scan# 3856

Delta R.T. -0.01 min

Lab File: BN002602.D

Acq: 06 Sep 2018 04:13

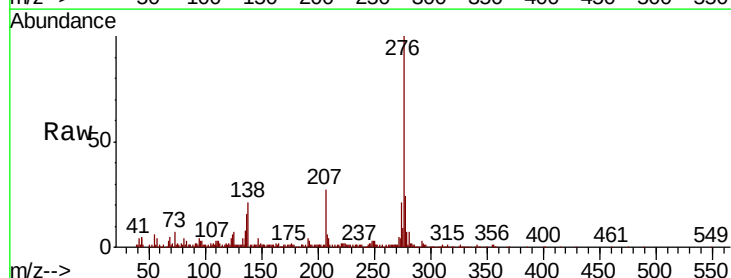
Tgt Ion:276 Resp: 422493

Ion Ratio Lower Upper

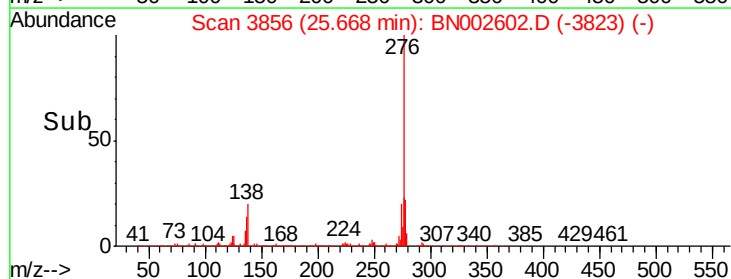
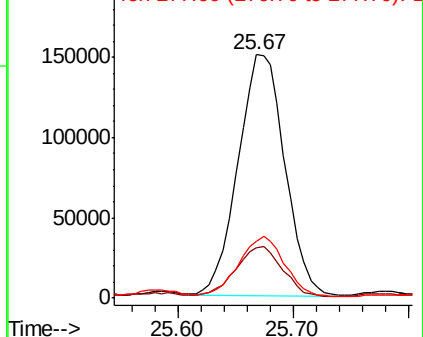
276 100

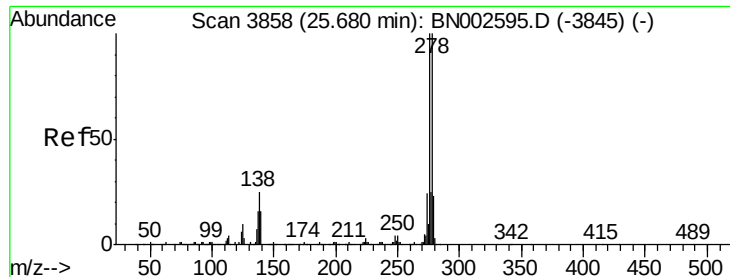
138 20.9 22.3 33.5#

277 23.3 20.2 30.2



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





#92

Dibenzo(a,h)anthracene

Concen: 2.161 ng/ul

RT: 25.67 min Scan# 3857

Delta R.T. -0.01 min

Lab File: BN002602.D

Acq: 06 Sep 2018 04:13

Instrument :

BNA_N

ClientSampled :

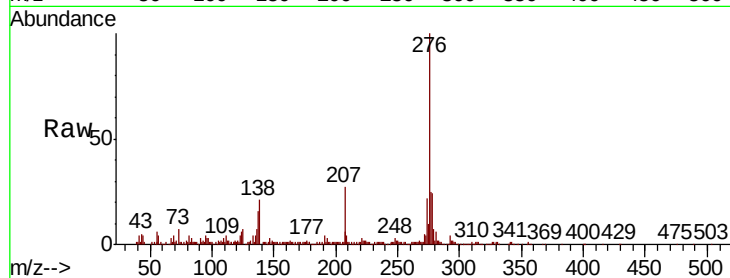
Tot Ion:278 Resp: 113119

Ion Ratio Lower Upper

278 100

139 0.0 13.9 20.9#

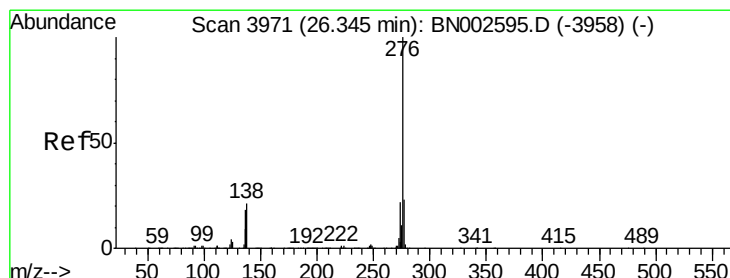
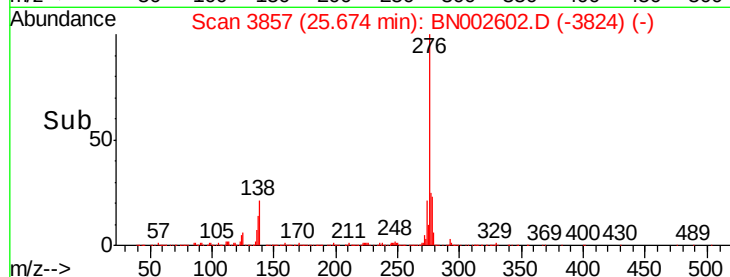
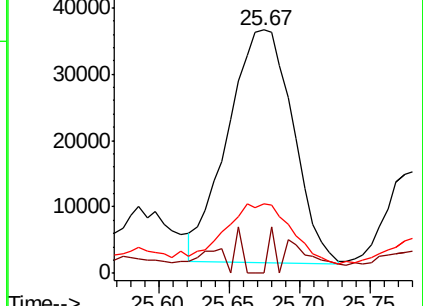
279 28.4 19.0 28.4#



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: 7.157 ng/ul

RT: 26.35 min Scan# 3972

Delta R.T. 0.01 min

Lab File: BN002602.D

Acq: 06 Sep 2018 04:13

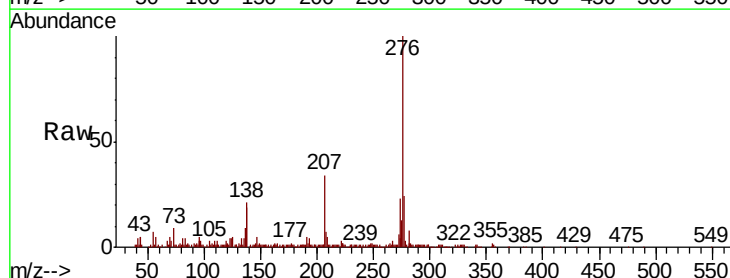
Tgt Ion:276 Resp: 373951

Ion Ratio Lower Upper

276 100

138 20.6 18.9 28.3

277 23.9 19.2 28.8



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

