

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052319\
 Data File : BN005886.D
 Acq On : 23 May 2019 18:15
 Operator : JU/SJ
 Sample : K2923-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42E7

Quant Time: May 23 18:50:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	66146	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	296571	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	199540	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	503894	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	566475	20.00	ng/ul	0.01
85) Perylene-d12	23.41	264	546856	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	6790	5.75	ng/uL	-0.01
5) Phenol-d5	6.76	99	127252	24.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	66221	24.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	103974	25.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	92848	21.24	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	54596	25.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	57631	23.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	125025	26.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	98301	18.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	430910	28.07	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	528860	28.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	49150	22.72	ng/ul	0.00
57) Fluorene-d10	15.20	176	389500	29.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	35453	11.71	ng/ul	0.00
70) Anthracene-d10	17.06	188	633830	29.12	ng/ul	0.00
78) Pyrene-d10	19.38	212	800183	28.67	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	746751	30.44	ng/ul	0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.20	88	22773	18.309	ng/uL 95
4) Benzaldehyde	6.72	77	114504	30.943	ng/ul 96
6) Phenol	6.78	94	172345	33.074	ng/ul 93
10) 2-Chlorophenol	7.13	128	94697	22.750	ng/ul 92
15) N-Nitroso-di-n-propylamine	8.36	70	78736	23.297	ng/ul 92
20) Nitrobenzene	8.75	77	103436	20.786	ng/ul 94
23) 2-Nitrophenol	9.46	139	52782	20.395	ng/ul# 91
27) 2,4-Dichlorophenol	10.00	162	111597	24.448	ng/ul 95
28) Naphthalene	10.37	128	230418	16.264	ng/ul 98
31) Hexachlorobutadiene	10.65	225	88855	26.687	ng/ul 98
33) 4-Chloro-3-methylphenol	11.64	107	198827	38.509	ng/ul 96
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	136809	21.295	ng/ul 95
38) 2,4,6-Trichlorophenol	12.63	196	154356	38.814	ng/ul 98
40) 1,1'-Biphenyl	13.02	154	380083	26.195	ng/ul# 96
41) 2-Chloronaphthalene	13.06	162	186101	16.239	ng/ul 100
44) Dimethylphthalate	13.66	163	398446	26.322	ng/ul 99
45) 2,6-Dinitrotoluene	13.80	165	69638	21.832	ng/ul 98
49) Acenaphthene	14.26	153	265678	21.828	ng/ul 98
52) 4-Nitrophenol	14.48	109	52622	26.051	ng/ul# 81
53) Dibenzofuran	14.60	168	326384	18.074	ng/ul 97
55) 2,3,4,6-Tetrachlorophenol	14.86	232	92745	23.910	ng/ul 92
59) 4-Chlorophenyl-phenylether	15.26	204	135194	16.871	ng/ul 96
63) 4,6-Dinitro-2-methylphenol	15.39	198	61833	20.380	ng/ul# 94

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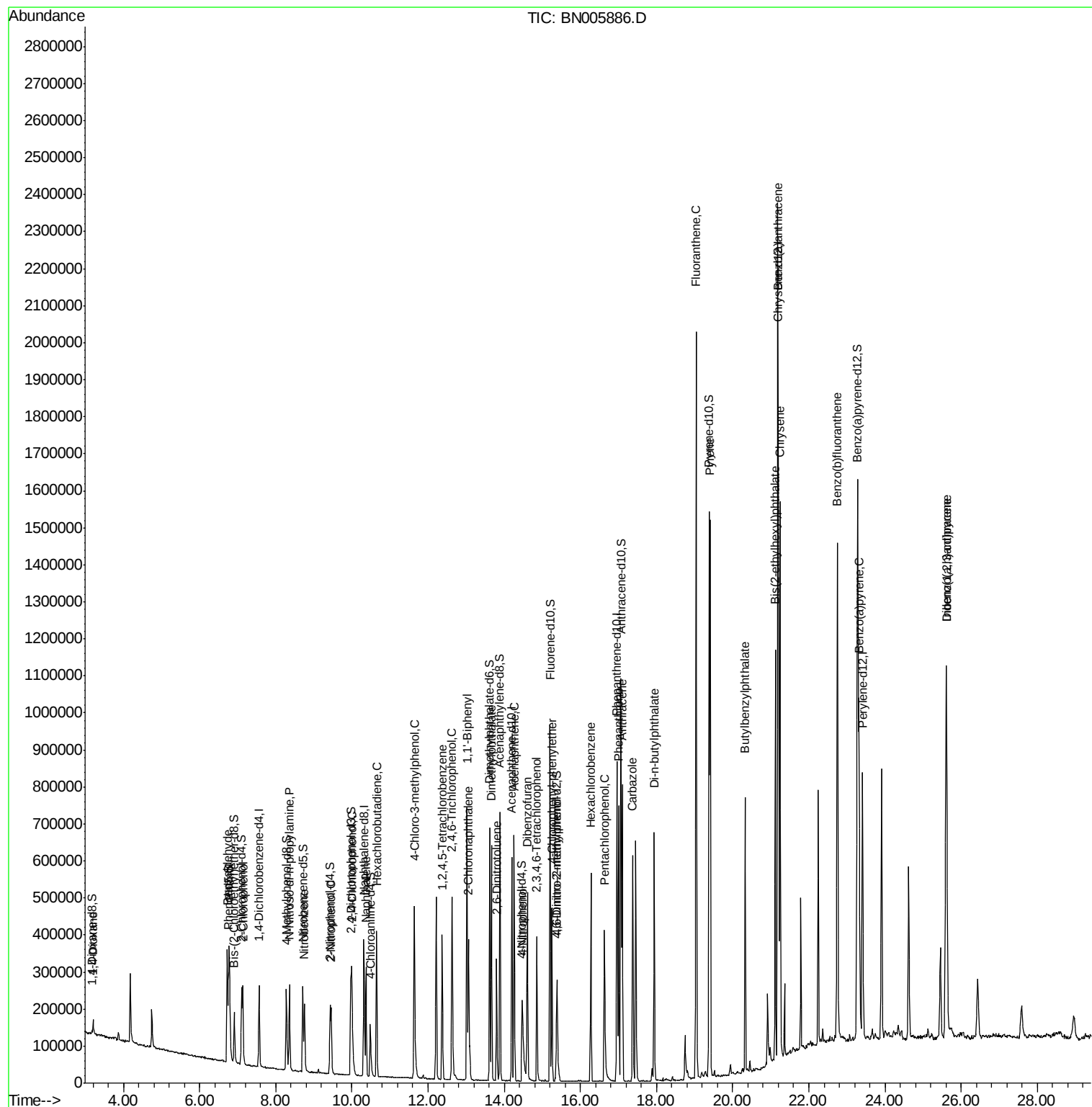
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) Hexachlorobenzene	16.27	284	121078	20.454	ng/ul#	93
68) Pentachlorophenol	16.63	266	106522	39.003	ng/ul	95
69) Phenanthrene	17.00	178	452466	18.115	ng/ul	99
71) Anthracene	17.10	178	529253	20.810	ng/ul	99
74) Carbazole	17.37	167	424344	18.925	ng/ul	99
75) Di-n-butylphthalate	17.94	149	438943	16.388	ng/ul	99
76) Fluoranthene	19.04	202	1296459	41.982	ng/ul#	89
79) Pyrene	19.41	202	951315	27.347	ng/ul#	87
80) Butylbenzylphthalate	20.33	149	207763	14.578	ng/ul	93
82) Benzo(a)anthracene	21.19	228	1199835	33.621	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	375911	18.591	ng/ul#	96
84) Chrysene	21.24	228	825481	24.537	ng/ul	99
87) Benzo(b)fluoranthene	22.76	252	795983	26.458	ng/ul#	96
90) Benzo(a)pyrene	23.32	252	684961	23.512	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.61	276	842128	23.644	ng/ul#	91
92) Dibenzo(a,h)anthracene	25.61	278	550638	18.366	ng/ul#	92

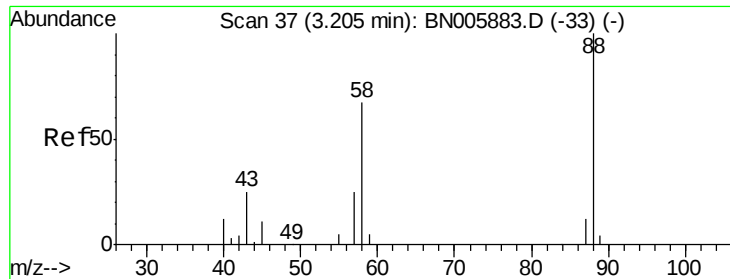
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 18.309 ng/uL

RT: 3.20 min Scan# 37

Delta R.T. -0.01 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

Instrument :

BNA_N

ClientSampleId :

A42E7

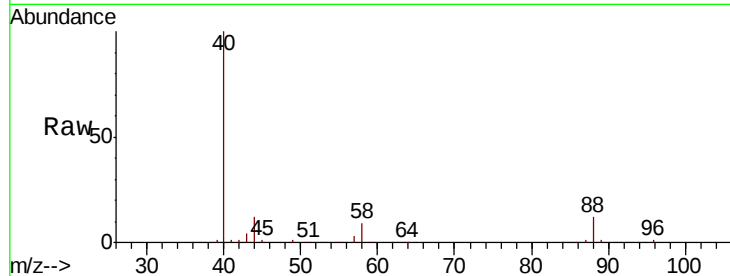
Tot Ion: 88 Resp: 22773

Ion Ratio Lower Upper

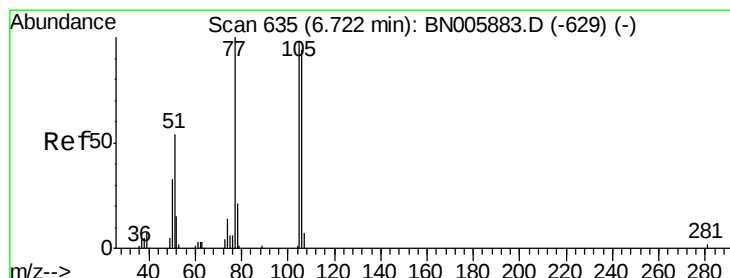
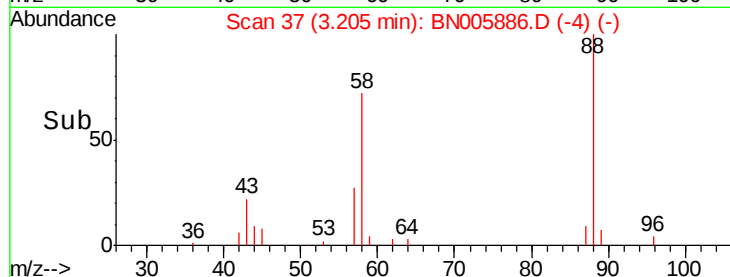
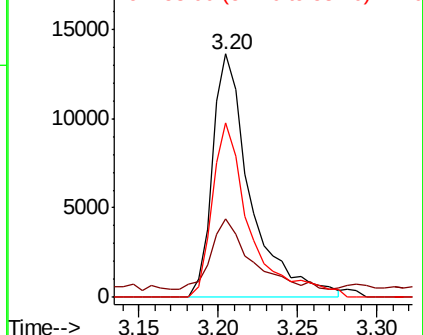
88 100

43 32.2 25.3 37.9

58 71.6 62.3 93.5



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 43.00 (42.70 to 43.70): BN0
Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 30.943 ng/uL

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

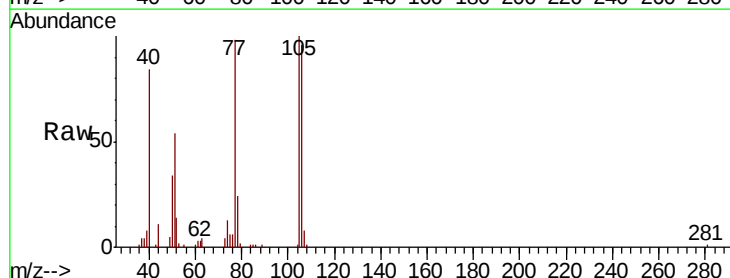
Tgt Ion: 77 Resp: 114504

Ion Ratio Lower Upper

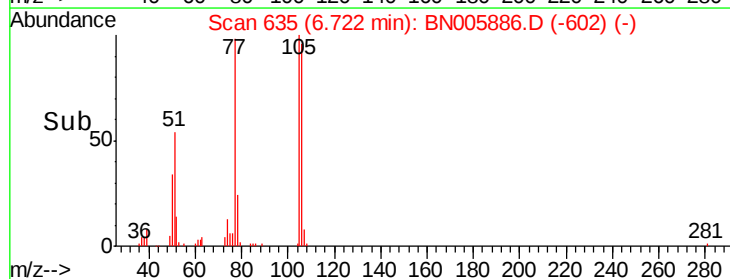
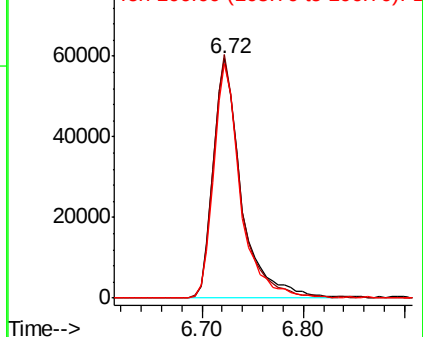
77 100

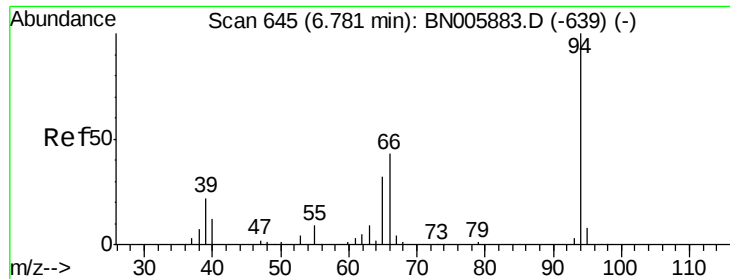
105 101.6 77.4 116.2

106 97.7 76.3 114.5



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 105.00 (104.70 to 105.70): BN0
Ion 106.00 (105.70 to 106.70): BN0





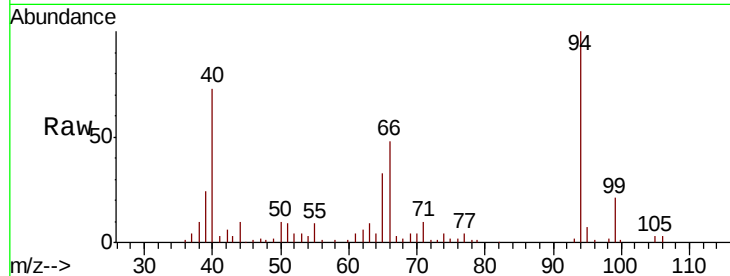
#6

Phenol

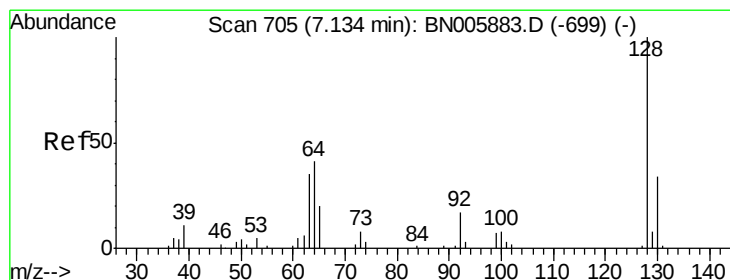
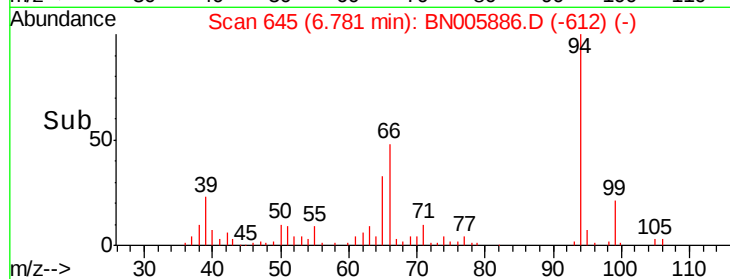
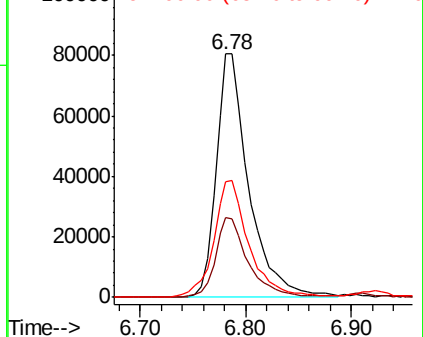
Concen: 33.074 ng/ul
 RT: 6.78 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BN005886.D
 Acq: 23 May 2019 18:15

Instrument :
 BNA_N
 ClientSampled :
 A42E7

Tot Ion: 94 Resp: 172345
 Ion Ratio Lower Upper
 94 100
 65 32.8 24.2 36.4
 66 47.5 33.8 50.6



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

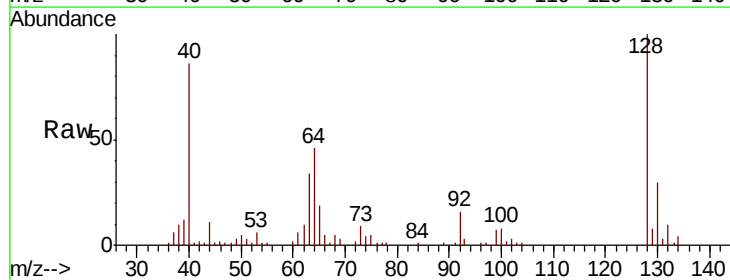


#10

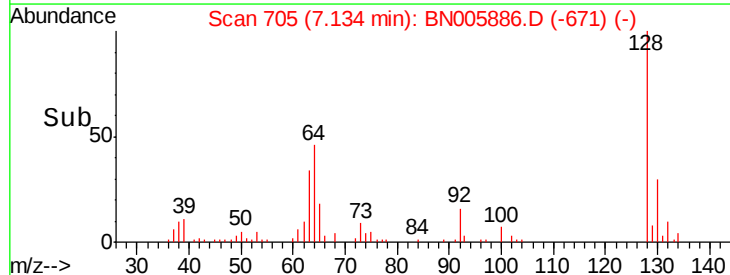
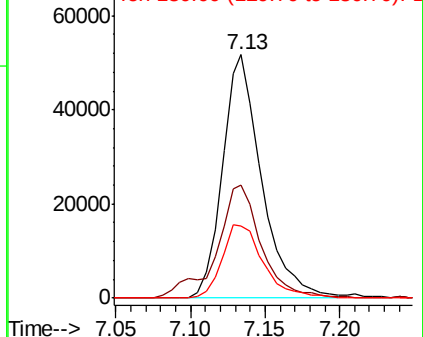
2-Chlorophenol

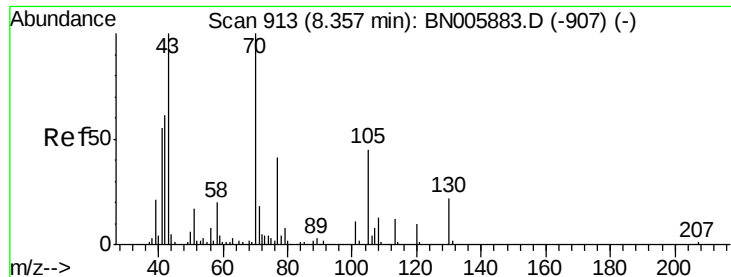
Concen: 22.750 ng/ul
 RT: 7.13 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: BN005886.D
 Acq: 23 May 2019 18:15

Tgt Ion: 128 Resp: 94697
 Ion Ratio Lower Upper
 128 100
 64 46.3 42.3 63.5
 130 29.7 26.5 39.7



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 130.00 (129.70 to 130.70): E





#15

N-Nitroso-di-n-propylamine

Concen: 23.297 ng/ul

RT: 8.36 min Scan# 913

Delta R.T. -0.01 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

Instrument :

BNA_N

ClientSampled :

A42E7

Tot Ion: 70 Resp: 78736

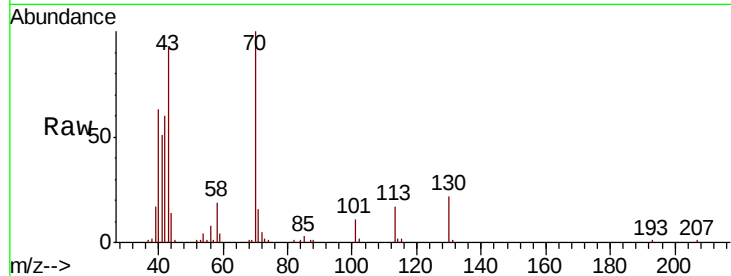
Ion Ratio Lower Upper

70 100

42 60.0 53.8 80.8

101 10.7 7.7 11.5

130 21.6 15.0 22.4

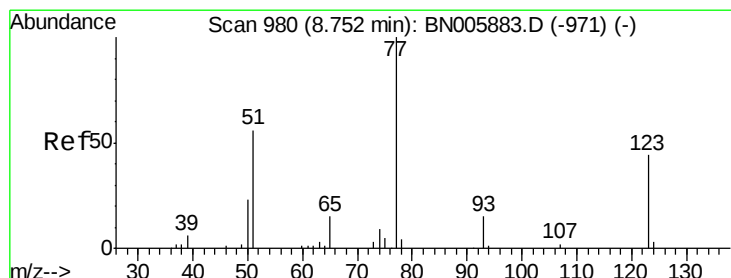
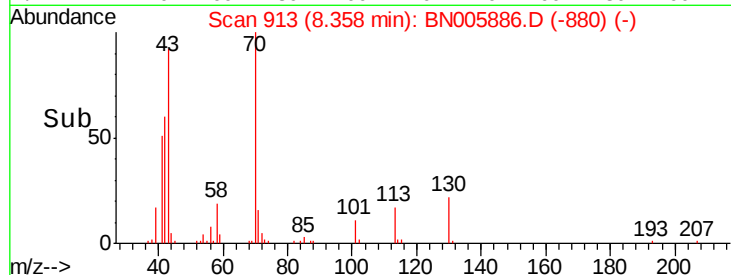
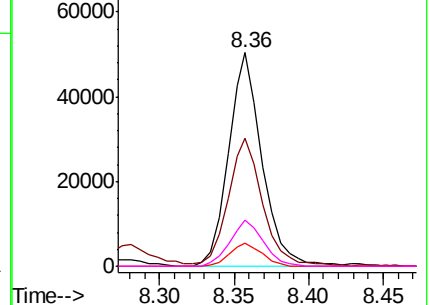


Abundance Ion 70.00 (69.70 to 70.70): BN005883.D (-907) (-)

Ion 42.00 (41.70 to 42.70): BN005883.D (-907) (-)

Ion 101.00 (100.70 to 101.70): BN005883.D (-907) (-)

Ion 130.00 (129.70 to 130.70): BN005883.D (-907) (-)



#20

Nitrobenzene

Concen: 20.786 ng/ul

RT: 8.75 min Scan# 980

Delta R.T. -0.00 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

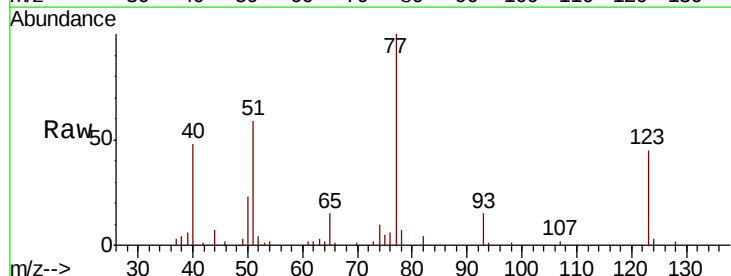
Tgt Ion: 77 Resp: 103436

Ion Ratio Lower Upper

77 100

123 45.2 32.6 49.0

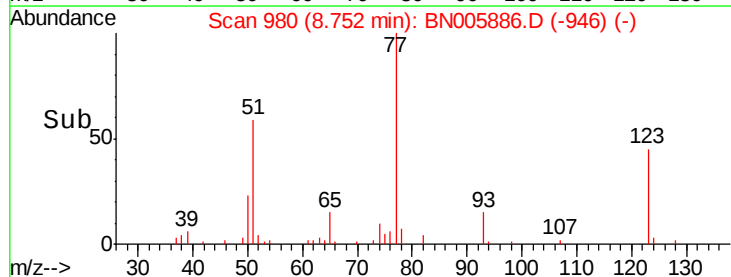
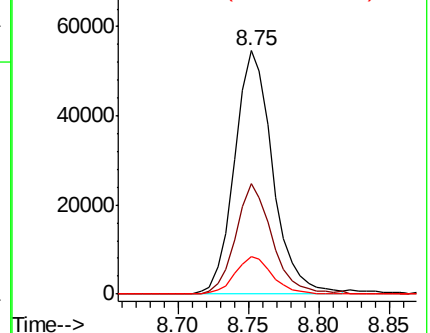
65 15.4 11.6 17.4

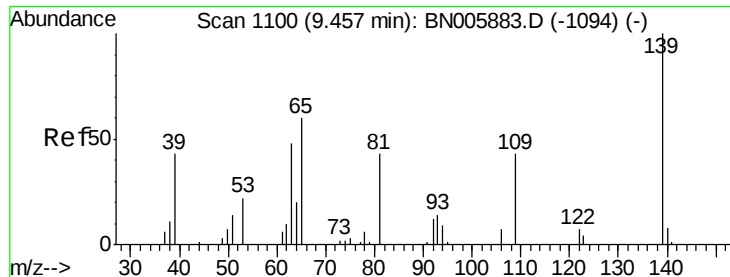


Abundance Ion 77.00 (76.70 to 77.70): BN005883.D (-971) (-)

Ion 123.00 (122.70 to 123.70): BN005883.D (-971) (-)

Ion 65.00 (64.70 to 65.70): BN005883.D (-971) (-)

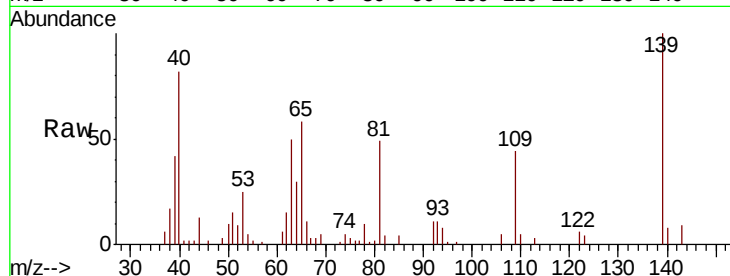




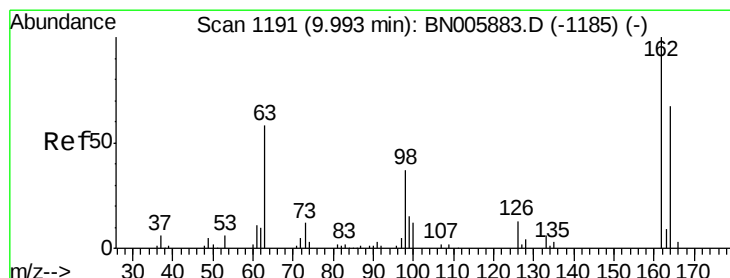
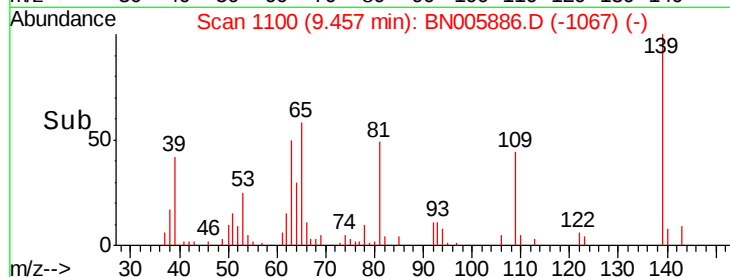
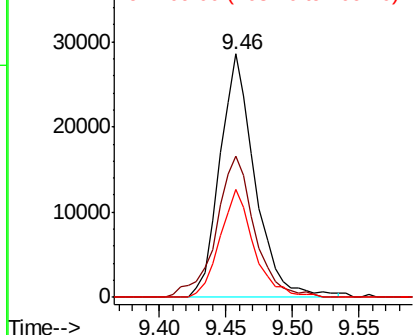
#23
2-Nitrophenol
Concen: 20.395 ng/ul
RT: 9.46 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BN005886.D
Acq: 23 May 2019 18:15

Instrument :
BNA_N
ClientSampleID :
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Tot Ion:139 Resp: 52782
Ion Ratio Lower Upper
139 100
65 58.0 44.2 66.4
109 44.2 26.8 40.2#

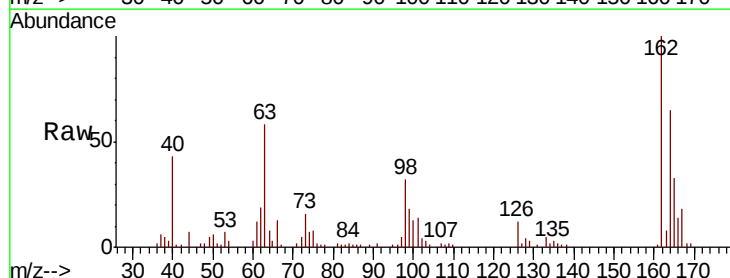


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNO
Ion 109.00 (108.70 to 109.70): E

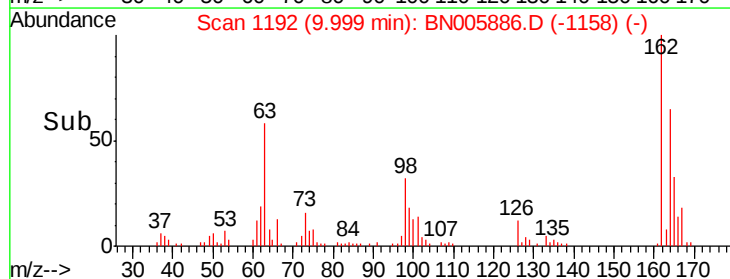
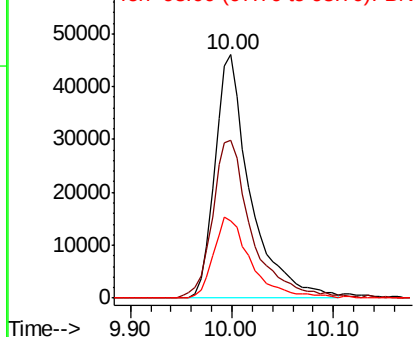


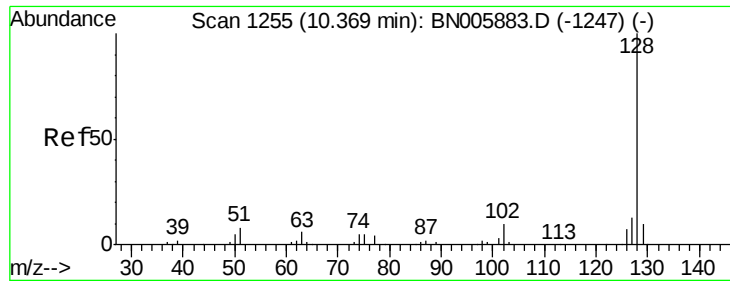
#27
2,4-Dichlorophenol
Concen: 24.448 ng/ul
RT: 10.00 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BN005886.D
Acq: 23 May 2019 18:15

Tgt Ion:162 Resp: 111597
Ion Ratio Lower Upper
162 100
164 65.0 52.6 79.0
98 31.9 30.8 46.2



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): BNO





#28

Naphthalene

Concen: 16.264 ng/ul

RT: 10.37 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

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ClientSampleId :

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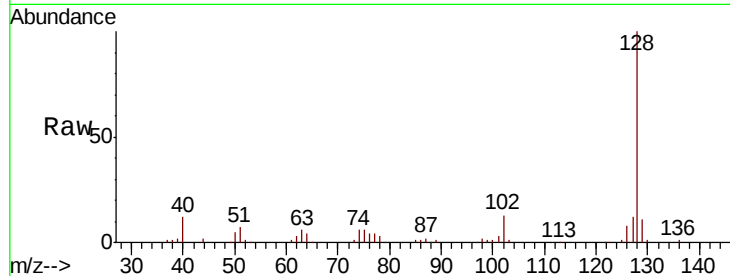
Tot Ion:128 Resp: 230418

Ion Ratio Lower Upper

128 100

129 10.8 9.2 13.8

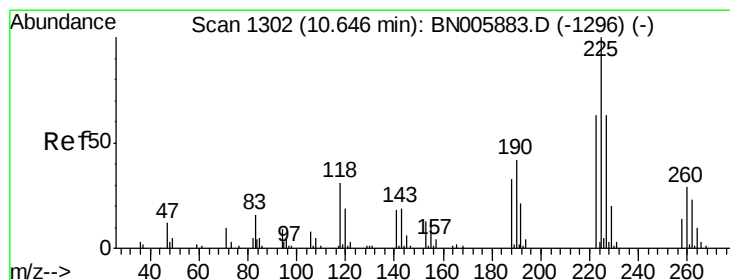
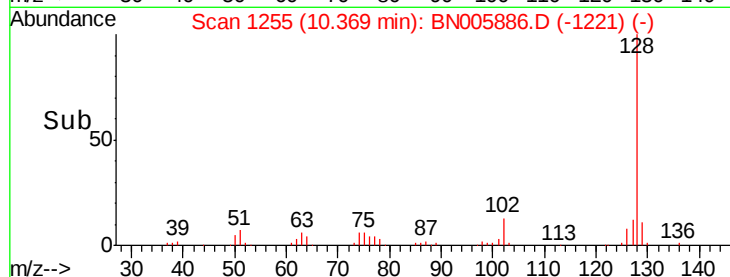
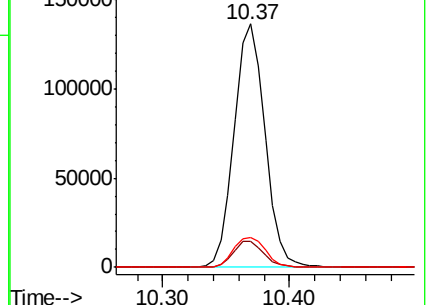
127 12.3 10.7 16.1



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



#31

Hexachlorobutadiene

Concen: 26.687 ng/ul

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

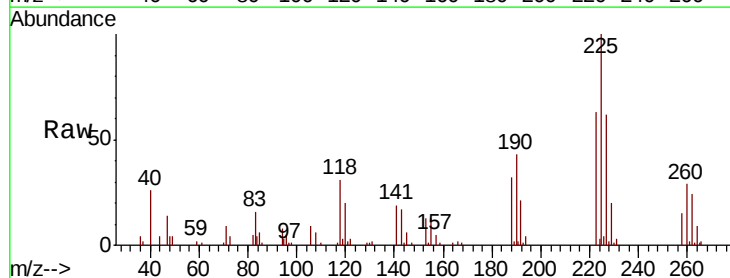
Tgt Ion:225 Resp: 88855

Ion Ratio Lower Upper

225 100

223 62.9 48.5 72.7

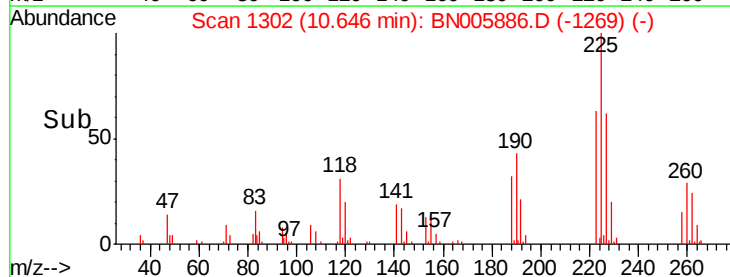
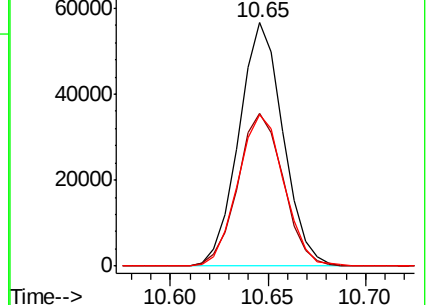
227 62.4 51.0 76.6

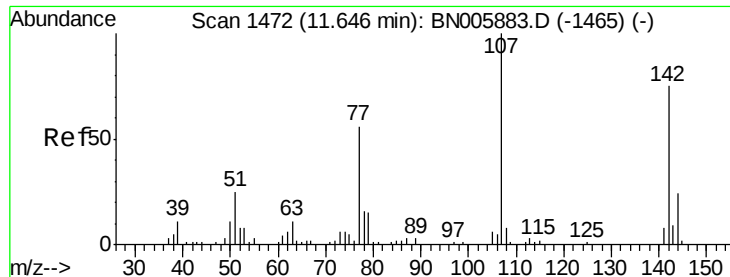


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#33

4-Chloro-3-methylphenol

Concen: 38.509 ng/ul

RT: 11.64 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

Instrument :

BNA_N

ClientSampleId :

A42E7

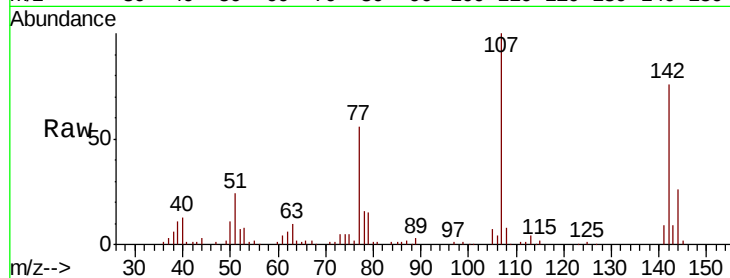
Tot Ion:107 Resp: 198827

Ion Ratio Lower Upper

107 100

144 25.9 19.4 29.0

142 75.5 57.7 86.5

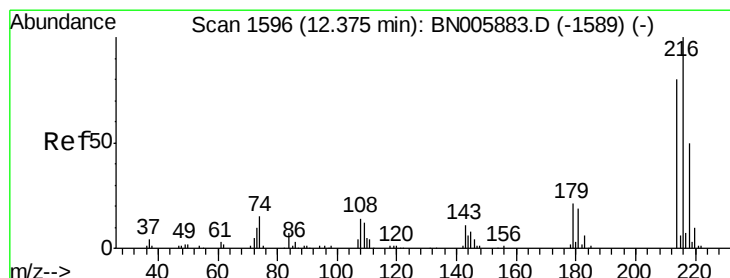
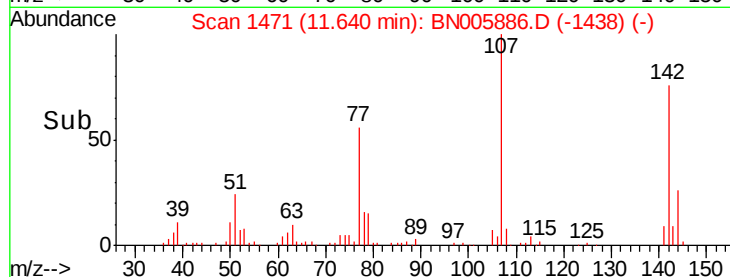
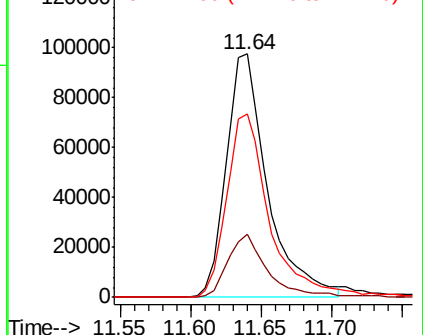


Abundance

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: 21.295 ng/ul

RT: 12.38 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

Tgt Ion:216 Resp: 136809

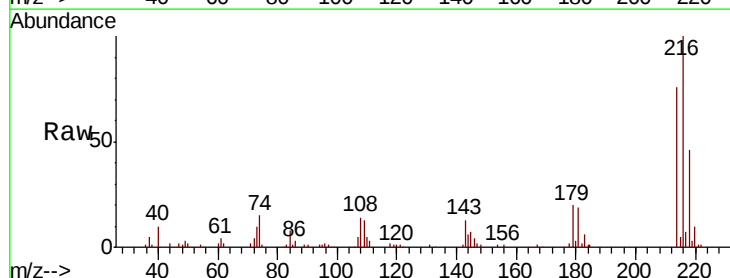
Ion Ratio Lower Upper

216 100

214 75.8 64.1 96.1

179 19.6 17.4 26.0

108 14.2 13.7 20.5



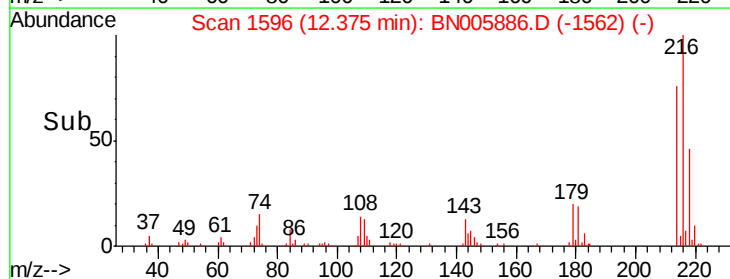
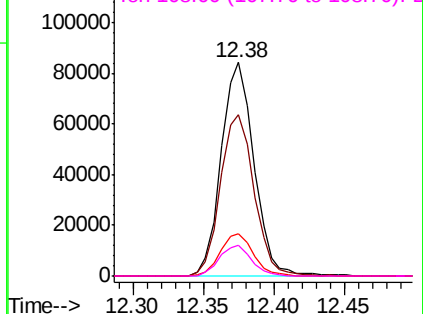
Abundance

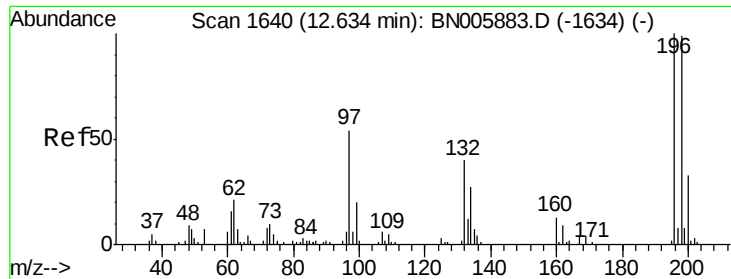
Ion 216.00 (215.70 to 216.70): E

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

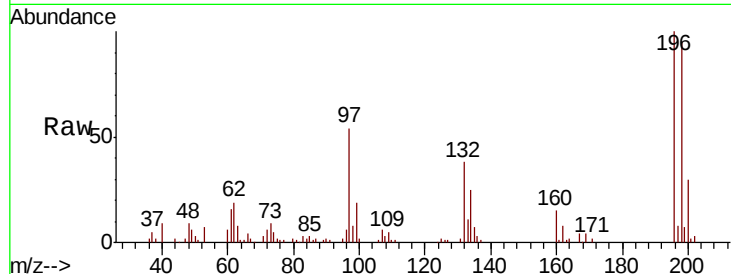




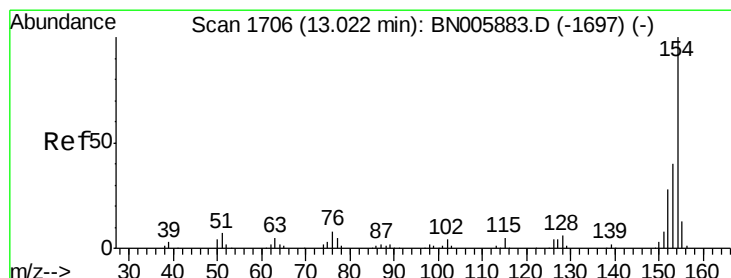
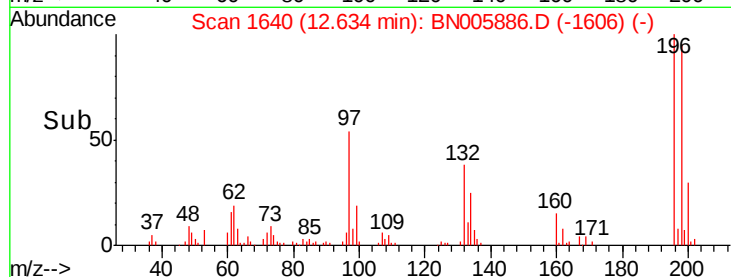
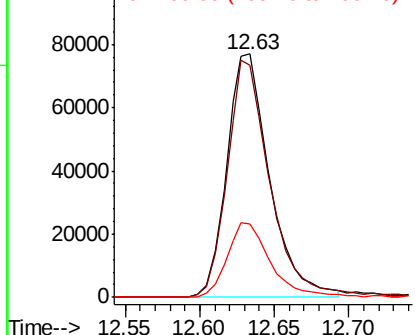
#38
 2,4,6-Trichlorophenol
 Concen: 38.814 ng/ul
 RT: 12.63 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BN005886.D
 Acq: 23 May 2019 18:15

Instrument :
 BNA_N
 ClientSampleId :
 A42E7

Tot Ion:196 Resp: 154356
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.8 112.2
 200 30.1 23.5 35.3

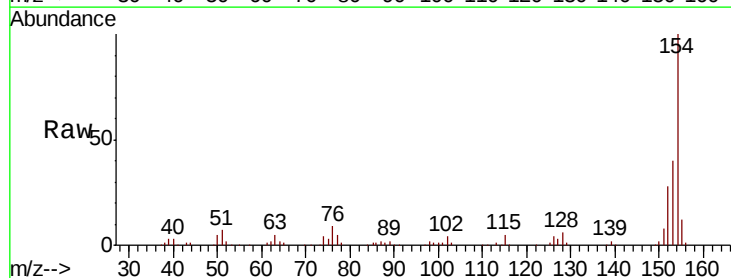


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

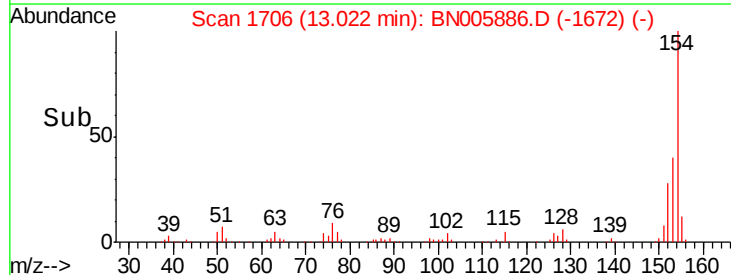
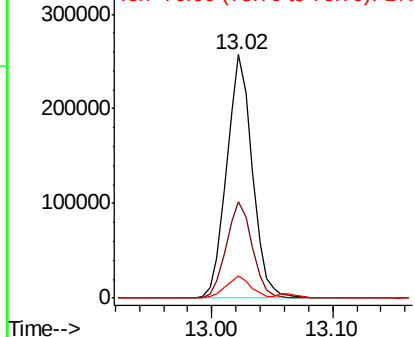


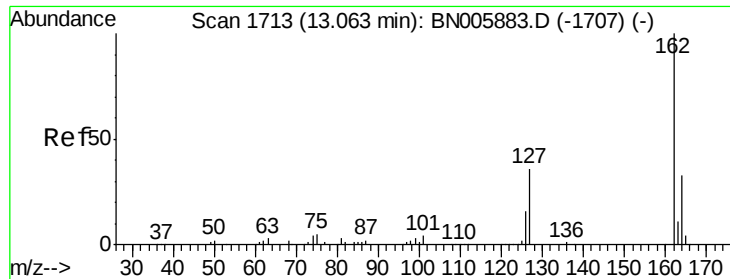
#40
 1,1'-Biphenyl
 Concen: 26.195 ng/ul
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BN005886.D
 Acq: 23 May 2019 18:15

Tgt Ion:154 Resp: 380083
 Ion Ratio Lower Upper
 154 100
 153 39.8 32.6 49.0
 76 9.0 10.4 15.6#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNO

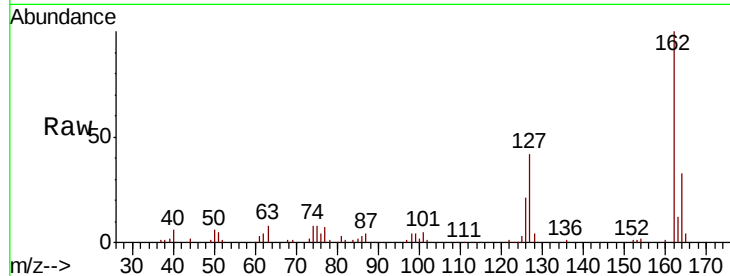




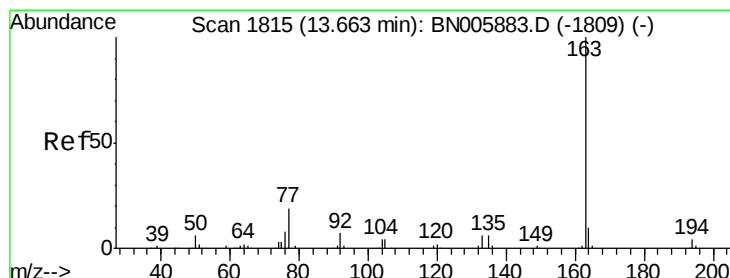
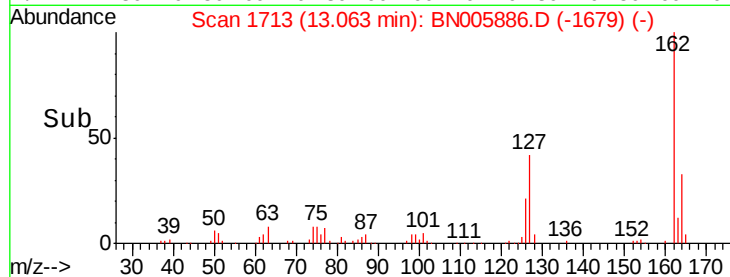
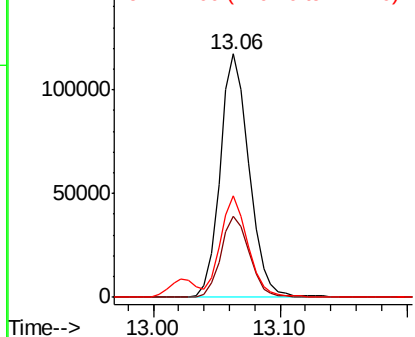
#41
2-Chloronaphthalene
Concen: 16.239 ng/ul
RT: 13.06 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BN005886.D
Acq: 23 May 2019 18:15

Instrument :
BNA_N
ClientSampleId :
A42E7

Tot Ion:162 Resp: 186101
Ion Ratio Lower Upper
162 100
164 33.5 26.8 40.2
127 41.7 33.5 50.3

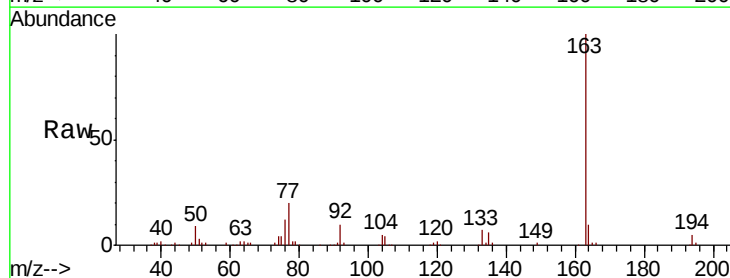


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

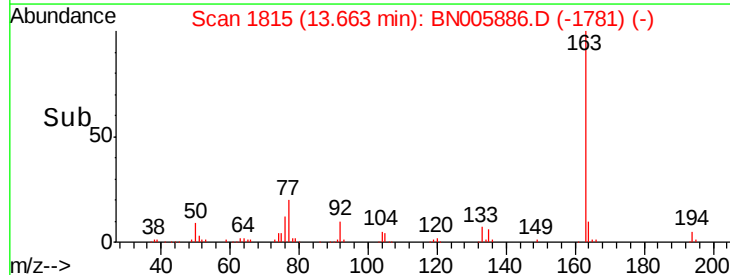
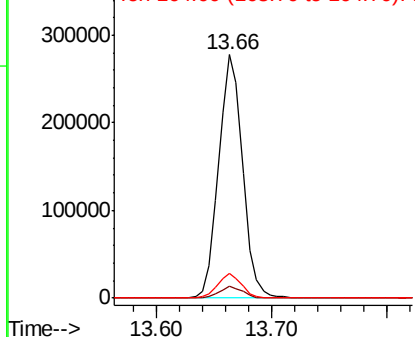


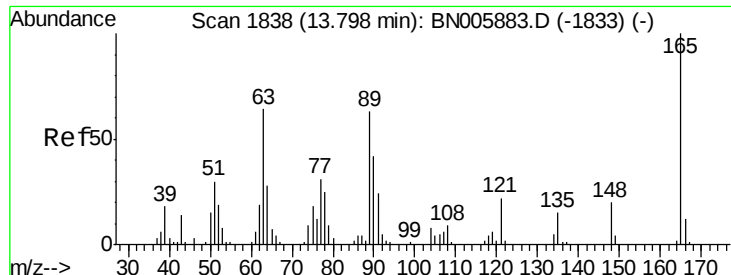
#44
Dimethylphthalate
Concen: 26.322 ng/ul
RT: 13.66 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BN005886.D
Acq: 23 May 2019 18:15

Tgt Ion:163 Resp: 398446
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.0
164 10.1 8.1 12.1



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

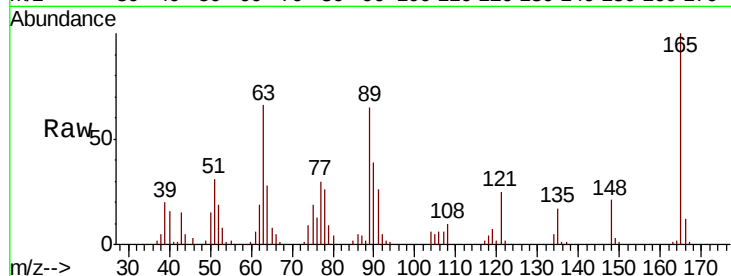




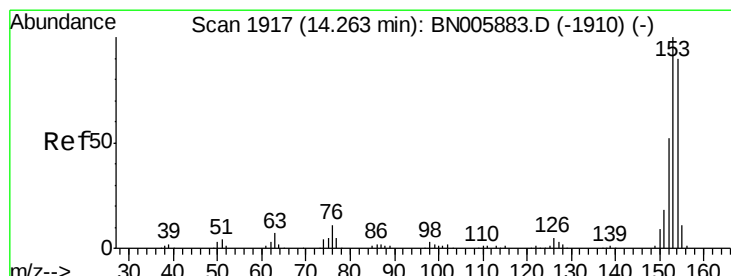
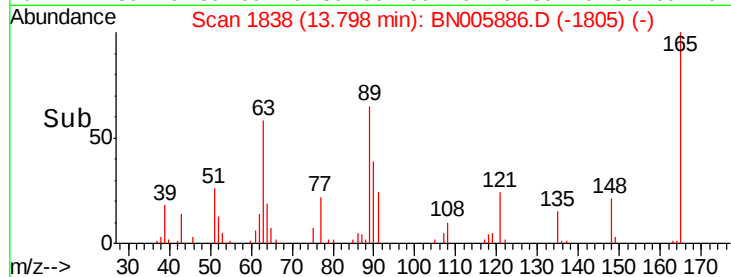
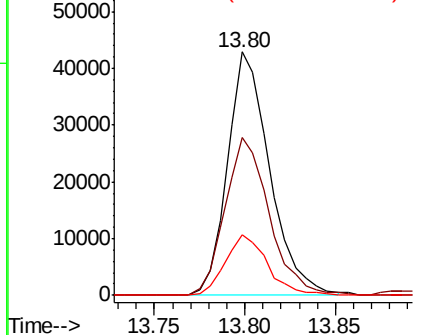
#45
 2,6-Dinitrotoluene
 Concen: 21.832 ng/ul
 RT: 13.80 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BN005886.D
 Acq: 23 May 2019 18:15

Instrument :
 BNA_N
 ClientSampleId :
 A42E7

Tot Ion:165 Resp: 69638
 Ion Ratio Lower Upper
 165 100
 89 65.0 50.2 75.2
 121 24.8 19.4 29.2

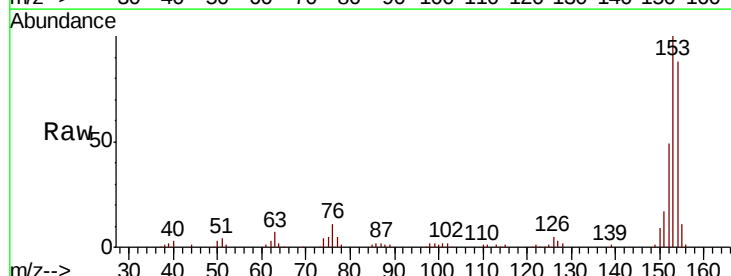


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BNO
 Ion 121.00 (120.70 to 121.70): E

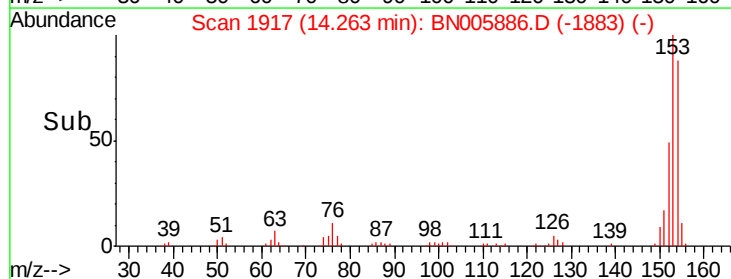
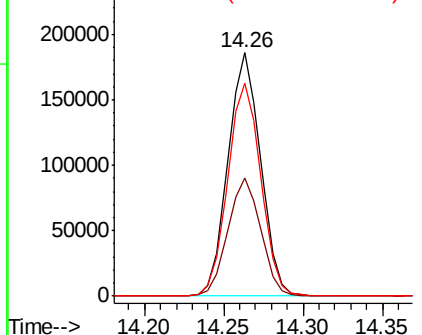


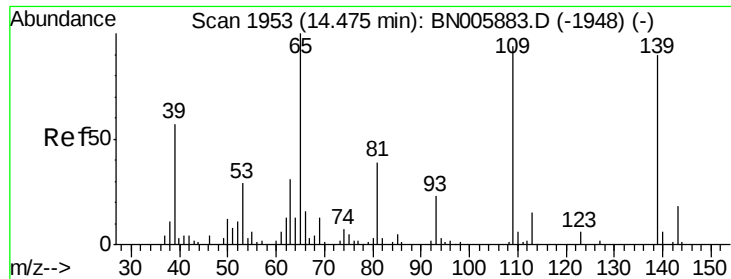
#49
 Acenaphthene
 Concen: 21.828 ng/ul
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BN005886.D
 Acq: 23 May 2019 18:15

Tgt Ion:153 Resp: 265678
 Ion Ratio Lower Upper
 153 100
 152 48.5 37.4 56.0
 154 87.6 71.2 106.8



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: 26.051 ng/ul

RT: 14.48 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

Instrument :

BNA_N

ClientSampleId :

A42E7

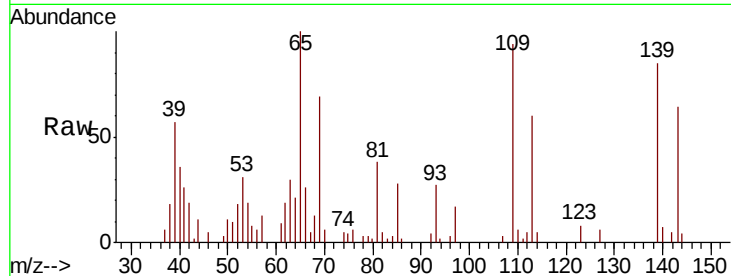
Tot Ion:109 Resp: 52622

Ion Ratio Lower Upper

109 100

139 90.2 92.3 138.5#

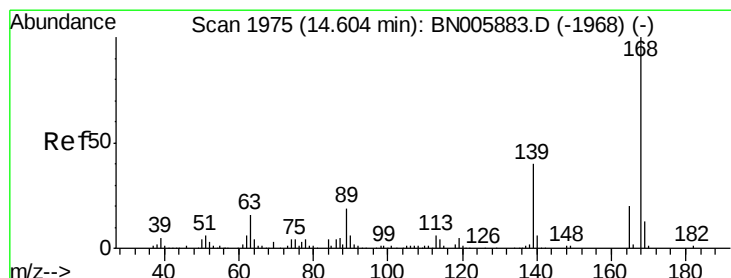
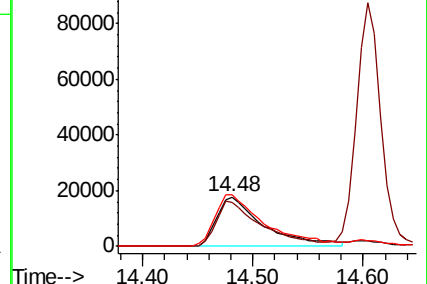
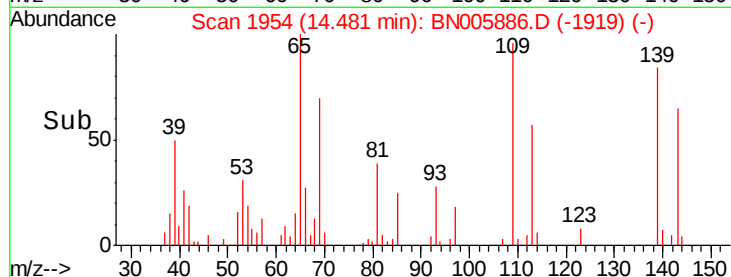
65 105.9 97.5 146.3



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: 18.074 ng/ul

RT: 14.60 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN005886.D

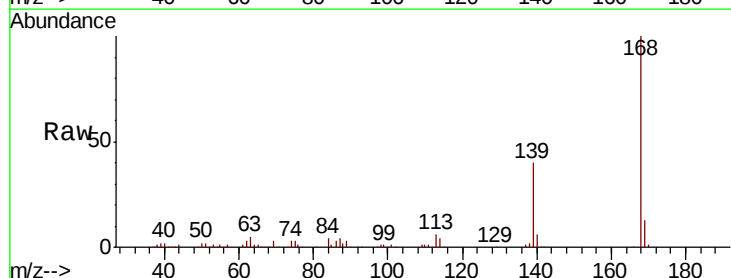
Acq: 23 May 2019 18:15

Tgt Ion:168 Resp: 326384

Ion Ratio Lower Upper

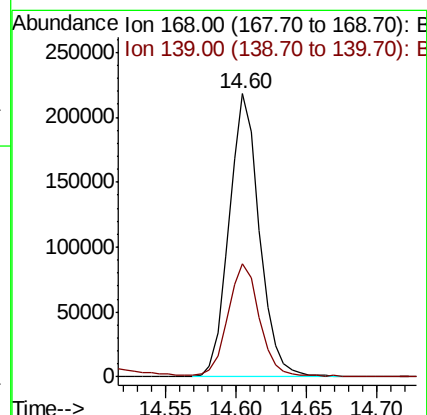
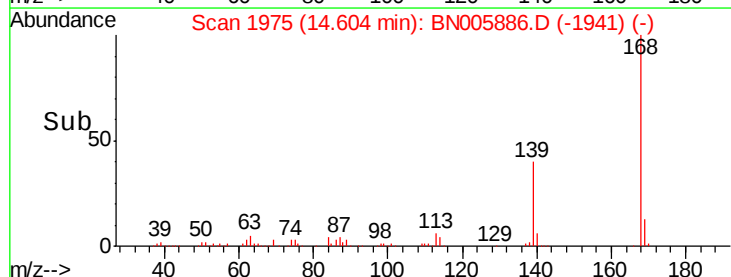
168 100

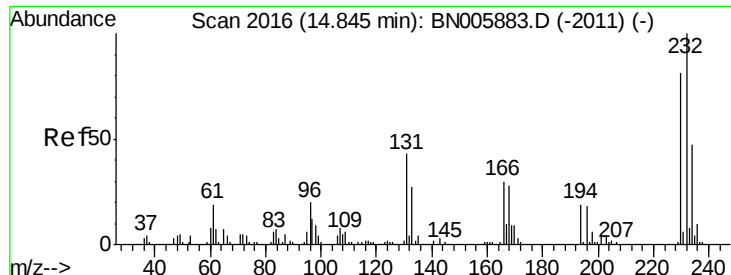
139 40.1 30.9 46.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

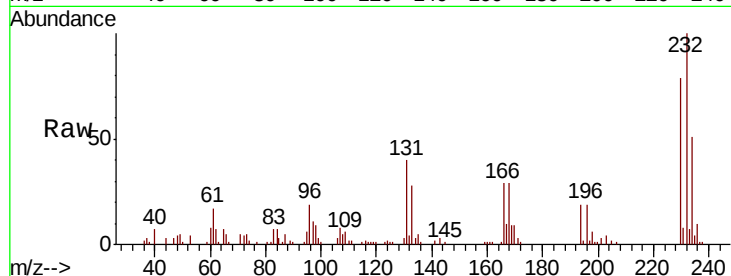




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 23.910 ng/ul
 RT: 14.86 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BN005886.D
 Acq: 23 May 2019 18:15

Instrument :
 BNA_N
 ClientSampleId :
 A42E7

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.9	36.6	54.8
130	2.7	2.0	3.0
166	29.3	26.6	39.8



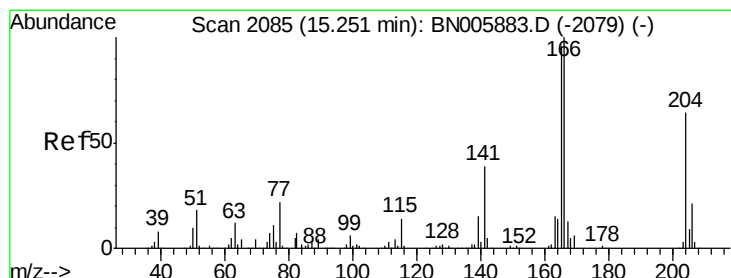
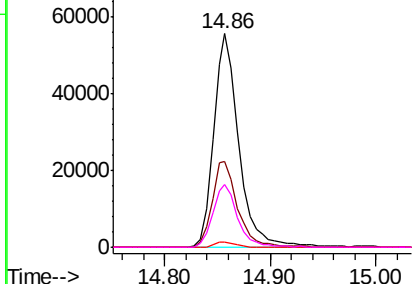
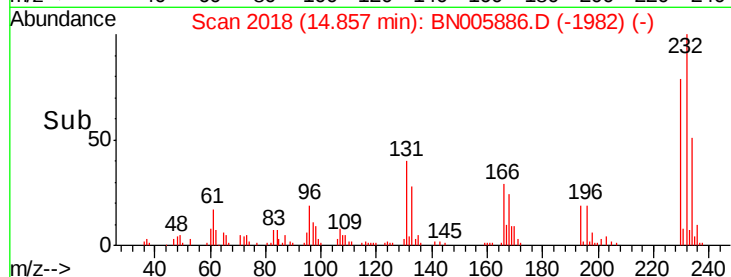
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

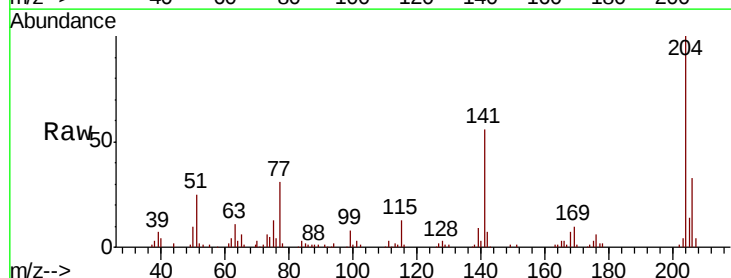
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 4-Chlorophenyl-phenylether
 Concen: 16.871 ng/ul
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BN005886.D
 Acq: 23 May 2019 18:15

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.9	40.3
141	56.2	47.9	71.9

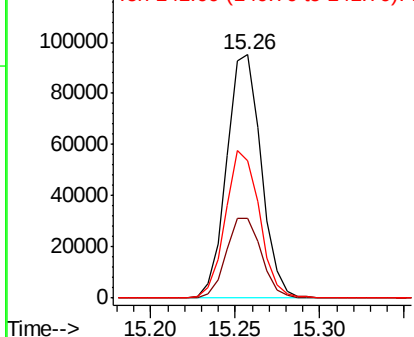
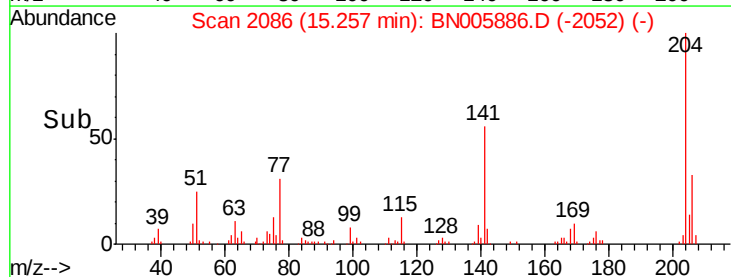


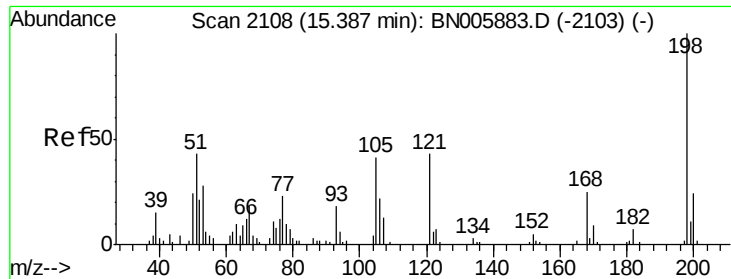
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

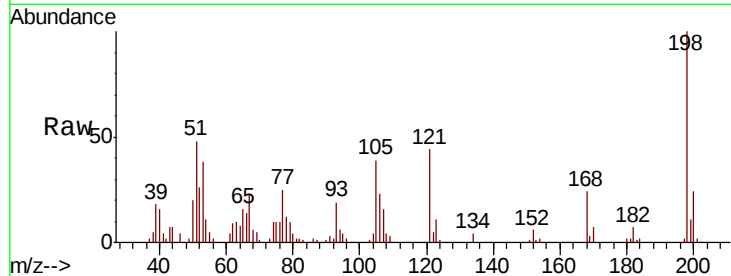




#63
 4,6-Dinitro-2-methylphenol
 Concen: 20.380 ng/ul
 RT: 15.39 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BN005886.D
 Acq: 23 May 2019 18:15

Instrument :
 BNA_N
 ClientSampleId :
 A42E7

Tot Ion	Ratio	Lower	Upper
198	100		
182	6.8	3.0	4.6#
77	24.6	21.9	32.9

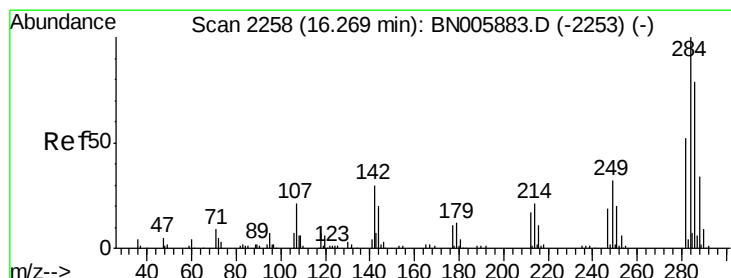
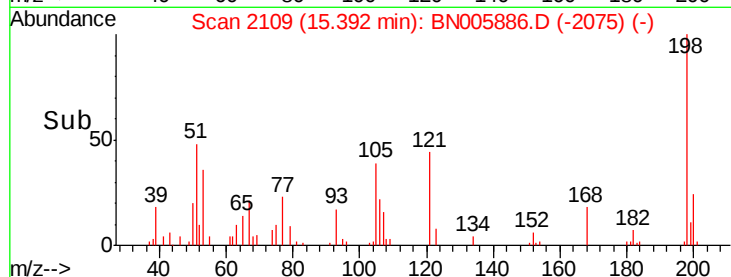
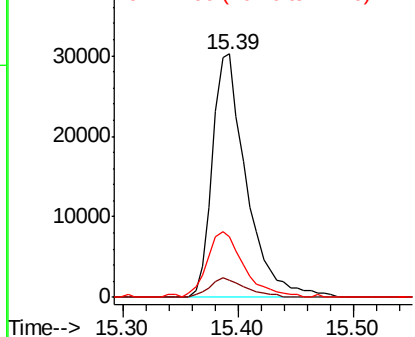


Abundance

Ion 198.00 (197.70 to 198.70): E

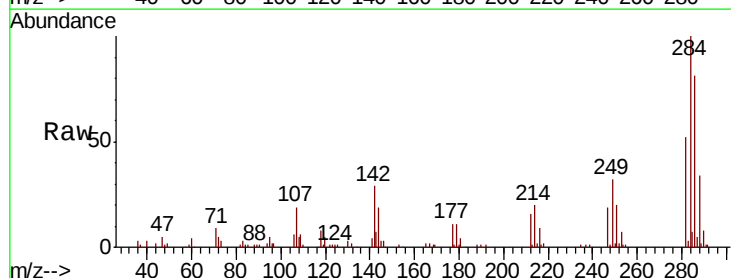
Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNC



#66
 Hexachlorobenzene
 Concen: 20.454 ng/ul
 RT: 16.27 min Scan# 2259
 Delta R.T. 0.01 min
 Lab File: BN005886.D
 Acq: 23 May 2019 18:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	29.4	44.2#
249	32.4	26.1	39.1

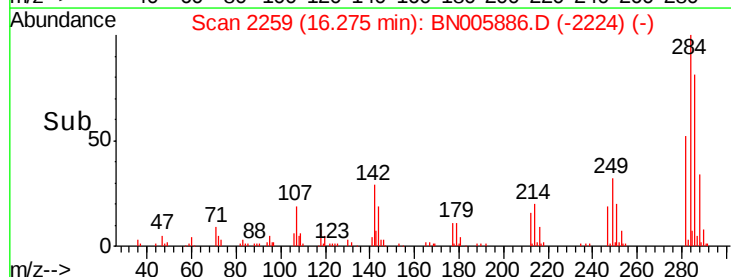
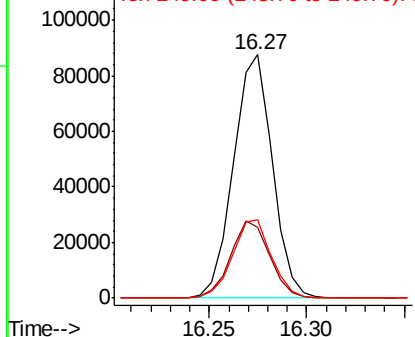


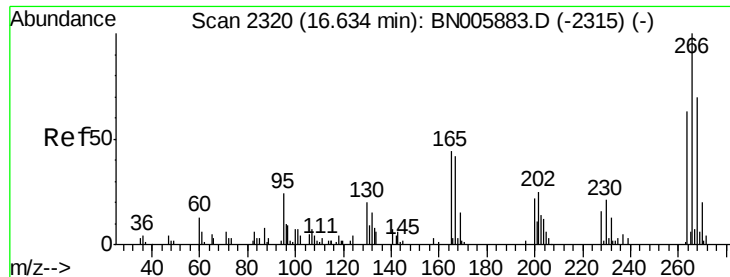
Abundance

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

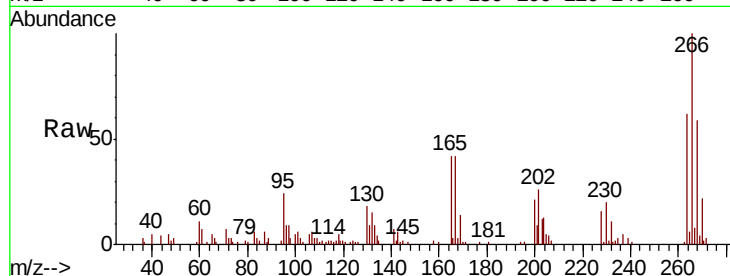




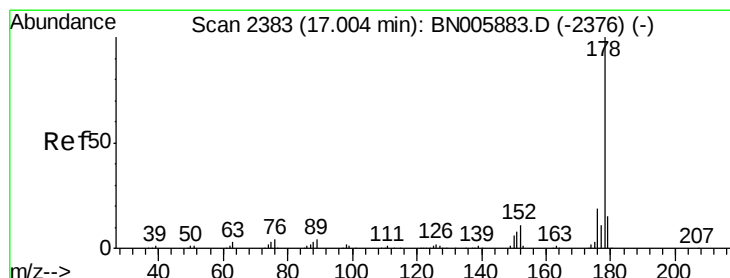
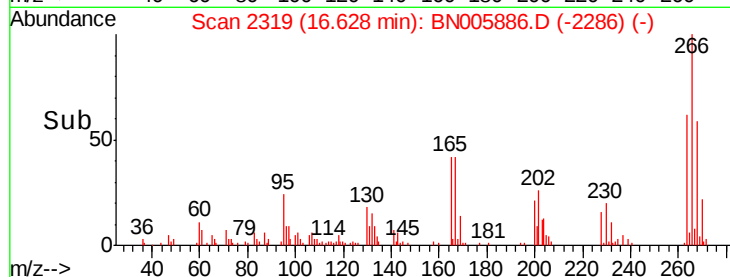
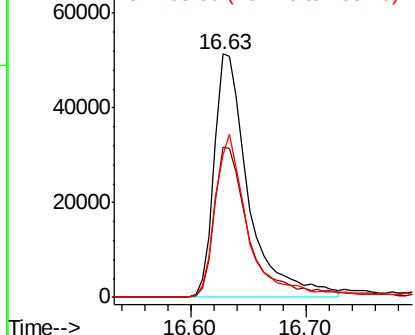
#68
 Pentachlorophenol
 Concen: 39.003 ng/ul
 RT: 16.63 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BN005886.D
 Acq: 23 May 2019 18:15

Instrument :
 BNA_N
 ClientSampleId :
 A42E7

Tot Ion:266 Resp: 106522
 Ion Ratio Lower Upper
 266 100
 264 61.9 49.7 74.5
 268 58.8 52.4 78.6

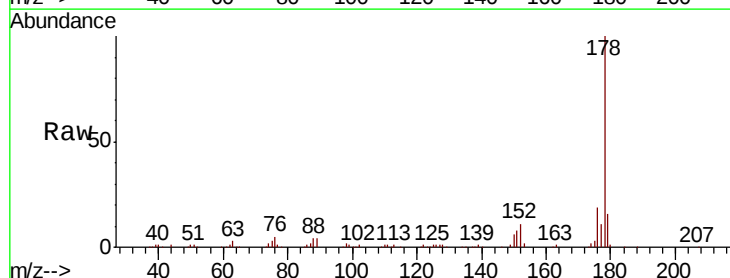


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

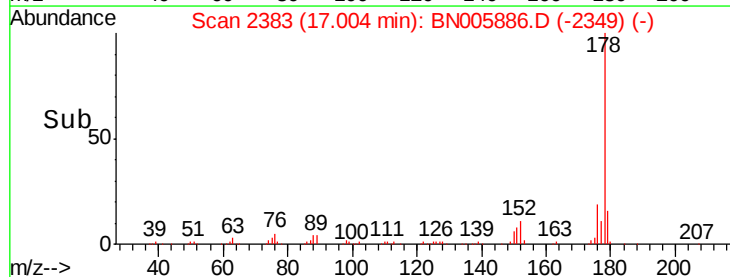
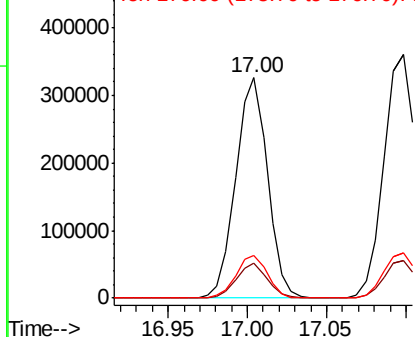


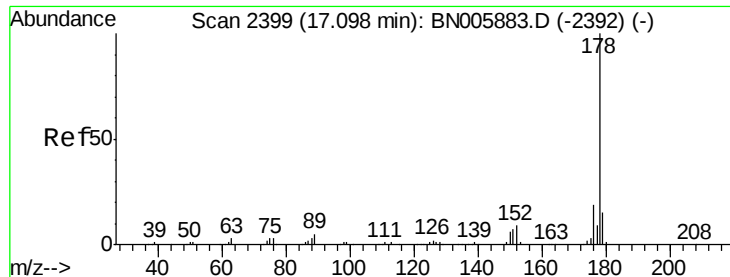
#69
 Phenanthrene
 Concen: 18.115 ng/ul
 RT: 17.00 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BN005886.D
 Acq: 23 May 2019 18:15

Tgt Ion:178 Resp: 452466
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.2 18.4
 176 19.1 15.1 22.7



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

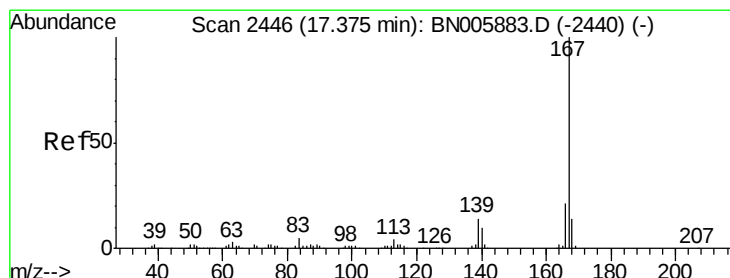
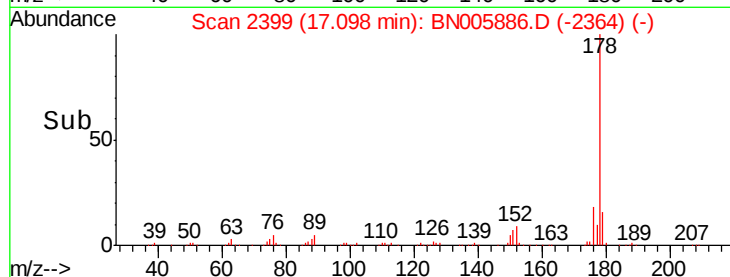
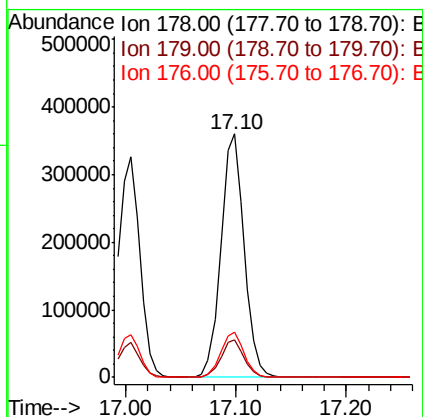
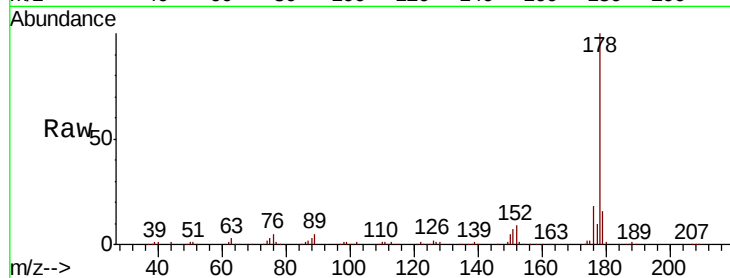




#71
 Anthracene
 Concen: 20.810 ng/ul
 RT: 17.10 min Scan# 2399
 Delta R.T. 0.01 min
 Lab File: BN005886.D
 Acq: 23 May 2019 18:15

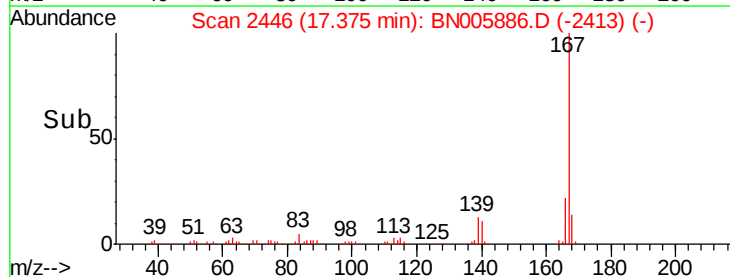
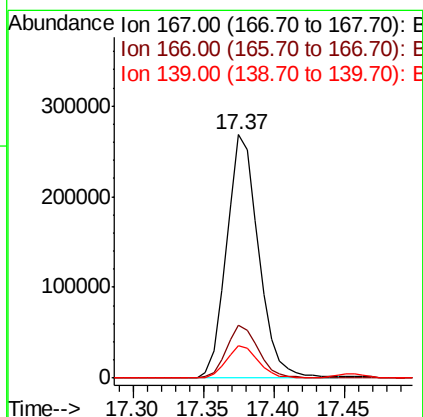
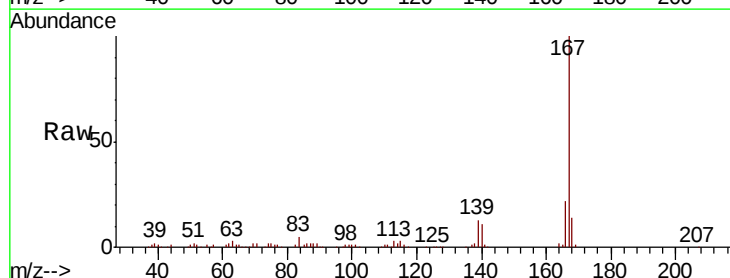
Instrument :
 BNA_N
 ClientSampleId :
 A42E7

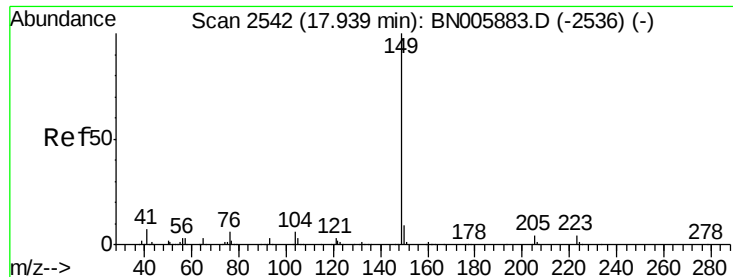
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.5	15.1	22.7



#74
 Carbazole
 Concen: 18.925 ng/ul
 RT: 17.37 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BN005886.D
 Acq: 23 May 2019 18:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	13.4	10.6	16.0





#75

Di-n-butylphthalate

Concen: 16.388 ng/ul

RT: 17.94 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

Instrument :

BNA_N

ClientSampleId :

A42E7

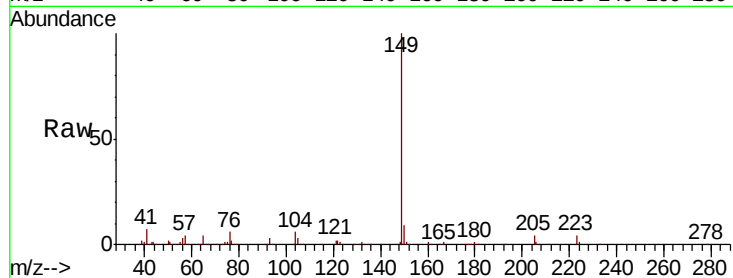
Tot Ion:149 Resp: 438943

Ion Ratio Lower Upper

149 100

150 8.8 7.3 10.9

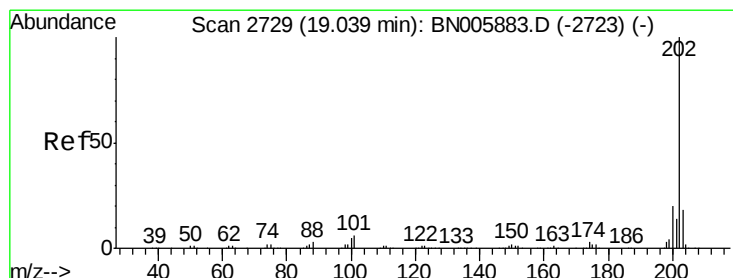
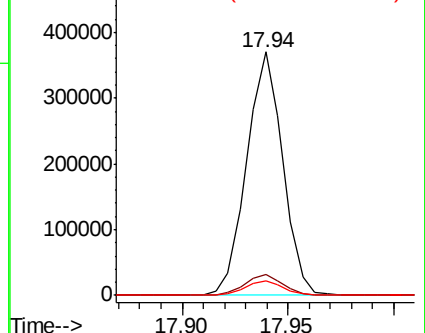
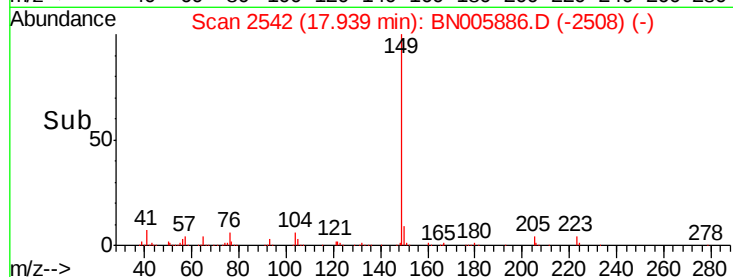
104 5.9 4.2 6.2



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: 41.982 ng/ul

RT: 19.04 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

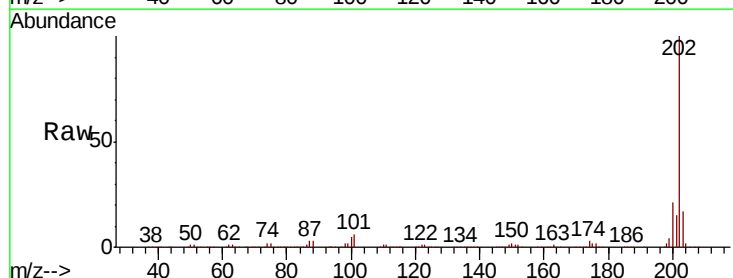
Tgt Ion:202 Resp: 1296459

Ion Ratio Lower Upper

202 100

101 6.2 8.6 12.8#

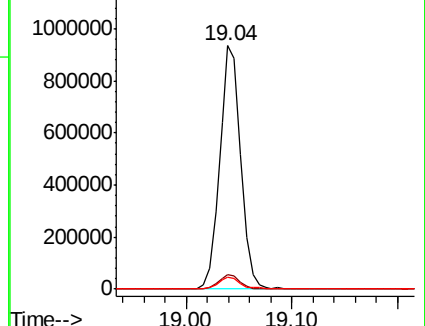
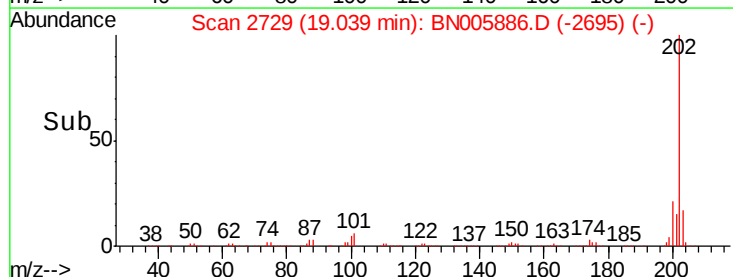
100 4.8 6.3 9.5#

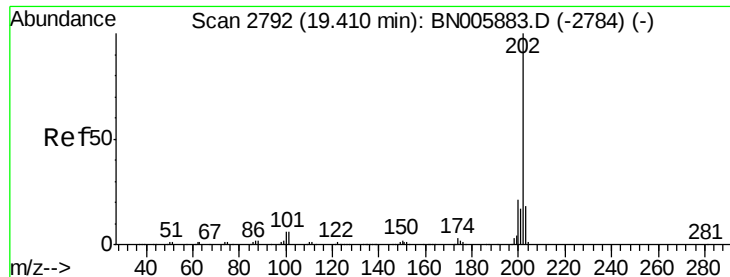


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 27.347 ng/ul

RT: 19.41 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

Instrument :

BNA_N

ClientSampleId :

A42E7

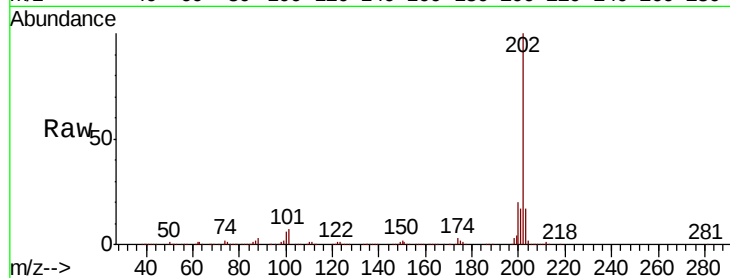
Tot Ion:202 Resp: 951315

Ion Ratio Lower Upper

202 100

101 6.9 10.3 15.5#

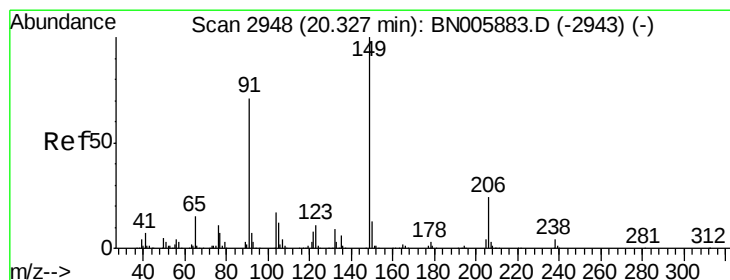
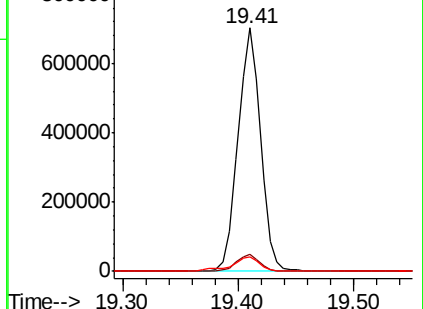
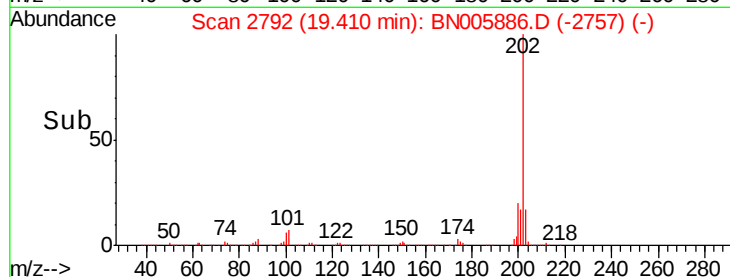
100 5.8 7.9 11.9#



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



#80

Butylbenzylphthalate

Concen: 14.578 ng/ul

RT: 20.33 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

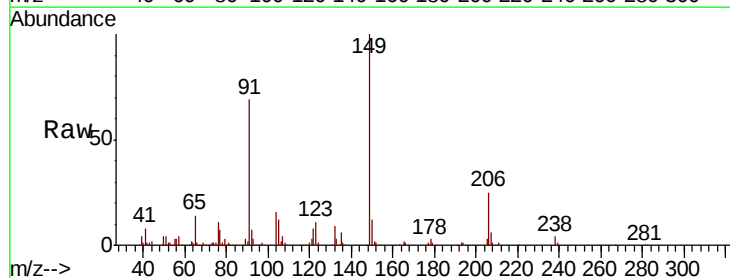
Tgt Ion:149 Resp: 207763

Ion Ratio Lower Upper

149 100

91 68.6 59.6 89.4

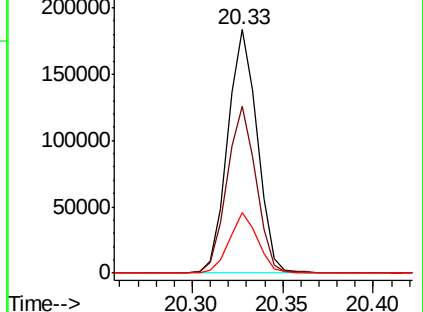
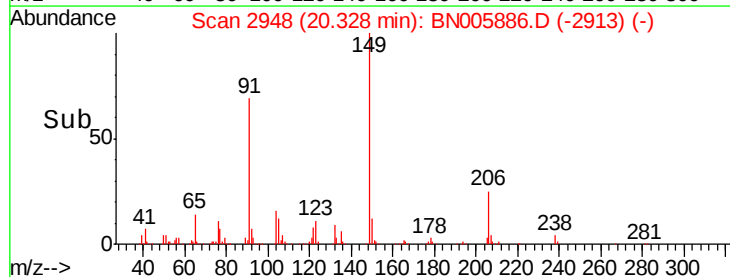
206 25.0 17.8 26.8

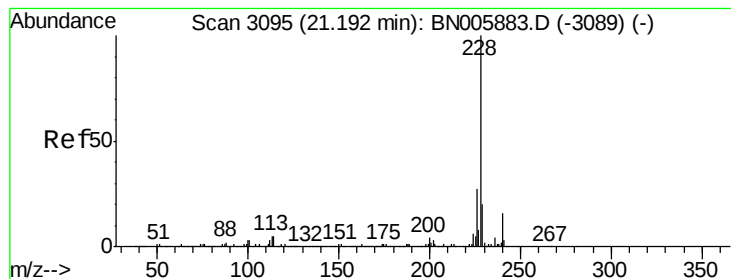


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 33.621 ng/u1

RT: 21.19 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

Instrument :

BNA_N

ClientSampleId :

A42E7

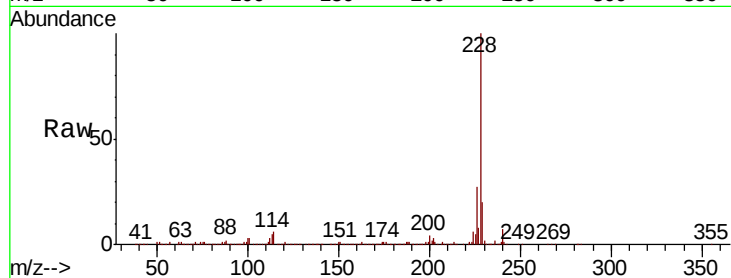
Tot Ion:228 Resp: 1199835

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.6

226 27.1 21.4 32.2

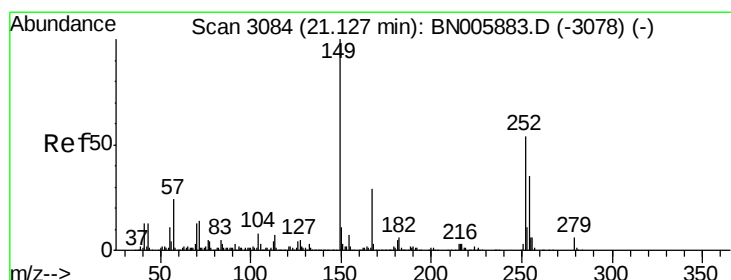
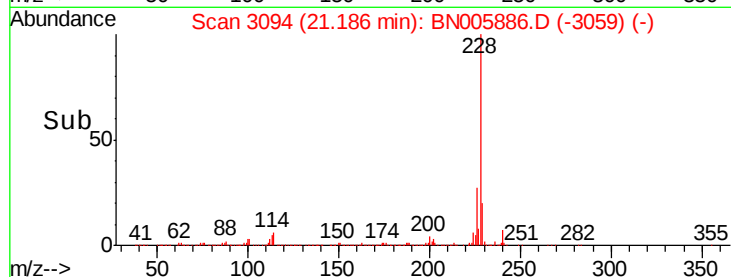
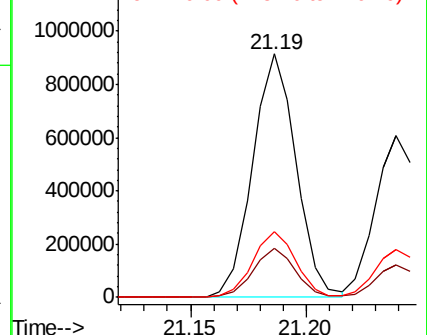


Abundance

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: 18.591 ng/u1

RT: 21.12 min Scan# 3083

Delta R.T. 0.01 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

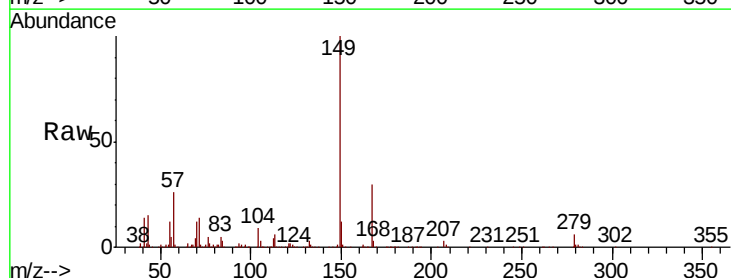
Tgt Ion:149 Resp: 375911

Ion Ratio Lower Upper

149 100

167 29.6 22.3 33.5

279 6.0 3.3 4.9#

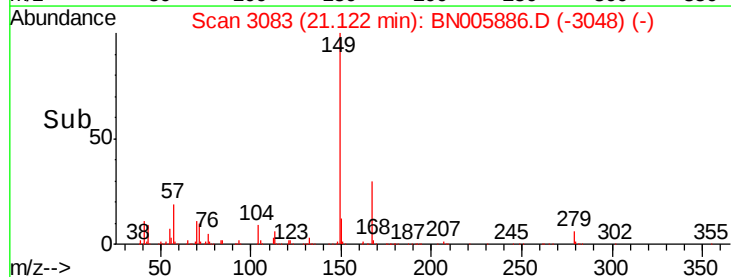
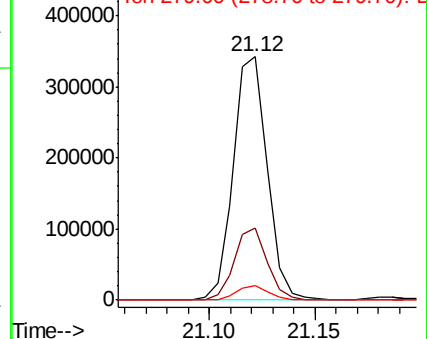


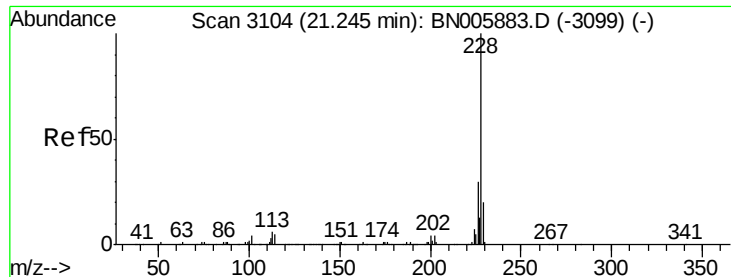
Abundance

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: 24.537 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. 0.01 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

Instrument :

BNA_N

ClientSampleId :

A42E7

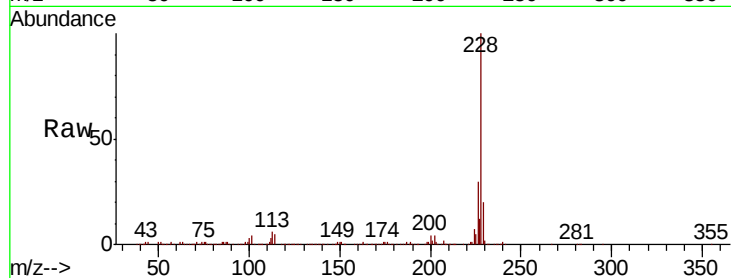
Tot Ion:228 Resp: 825481

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 19.7 15.4 23.0

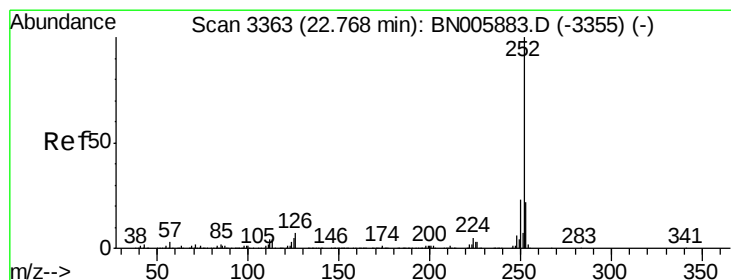
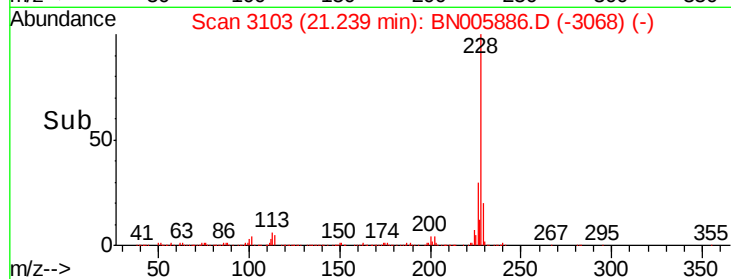
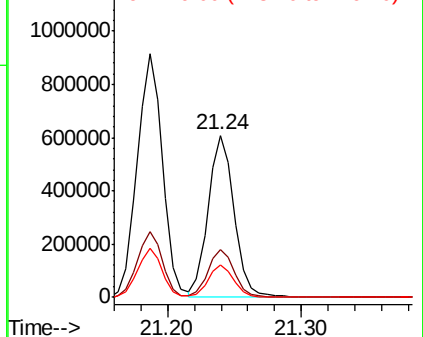


Abundance

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



#87

Benzo(b)fluoranthene

Concen: 26.458 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. 0.02 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

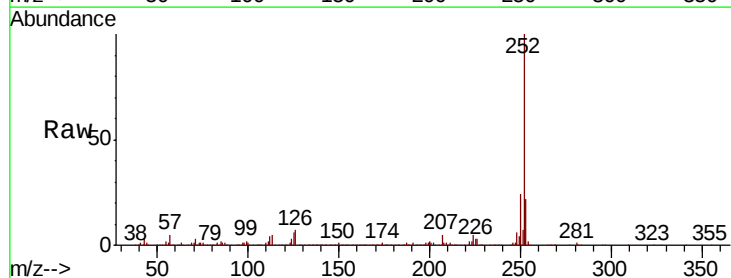
Tgt Ion:252 Resp: 795983

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 5.6 8.4 12.6#

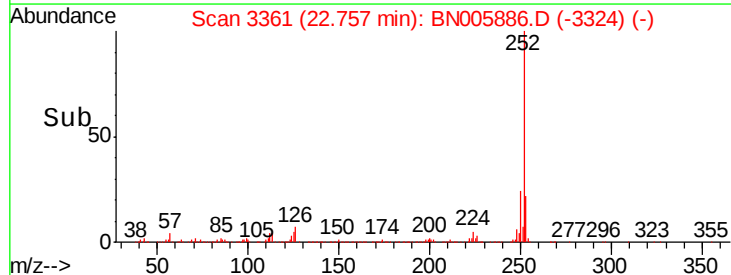
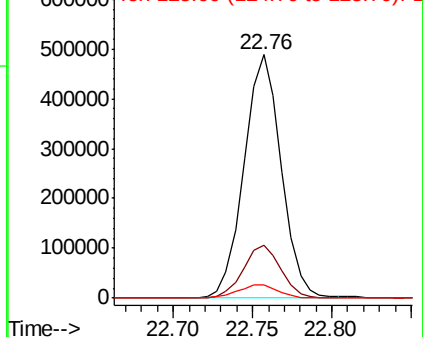


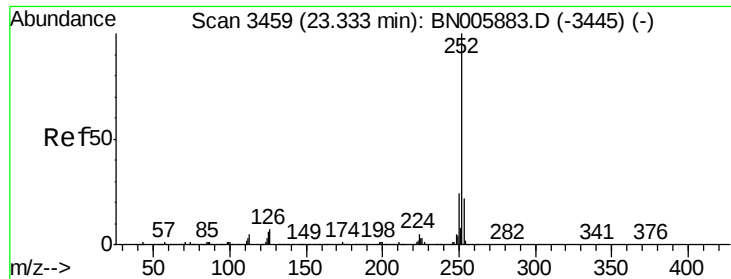
Abundance

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





#90

Benzo(a)pyrene

Concen: 23.512 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. 0.02 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

Instrument :

BNA_N

ClientSampleId :

A42E7

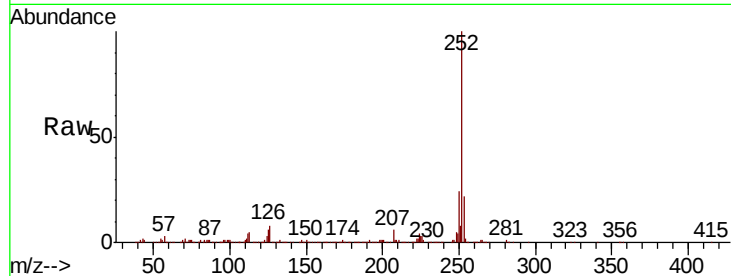
Tot Ion:252 Resp: 684961

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

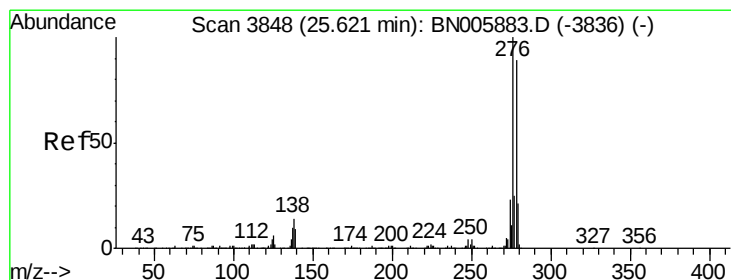
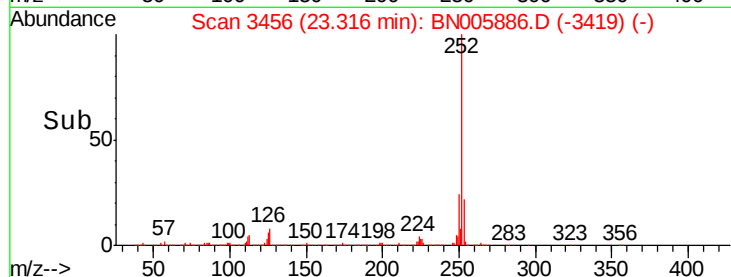
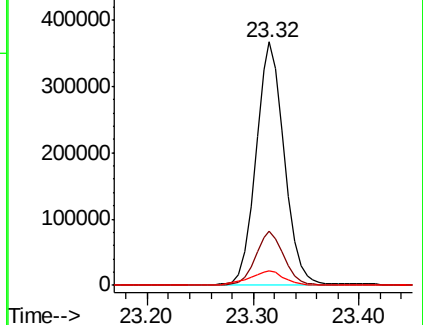
125 6.0 8.6 13.0#



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: 23.644 ng/ul

RT: 25.61 min Scan# 3846

Delta R.T. 0.02 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

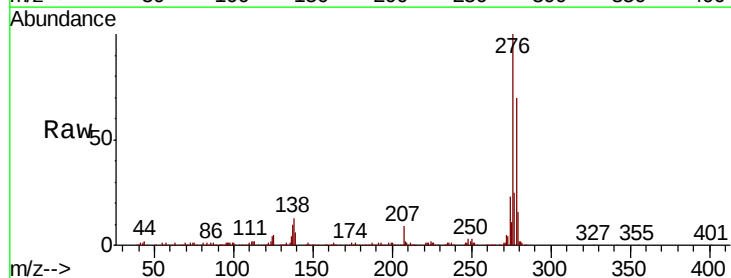
Tgt Ion:276 Resp: 842128

Ion Ratio Lower Upper

276 100

138 13.3 17.9 26.9#

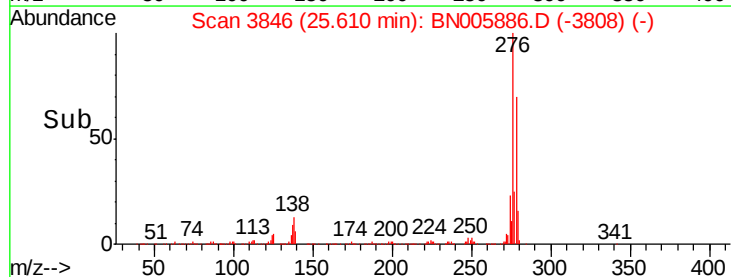
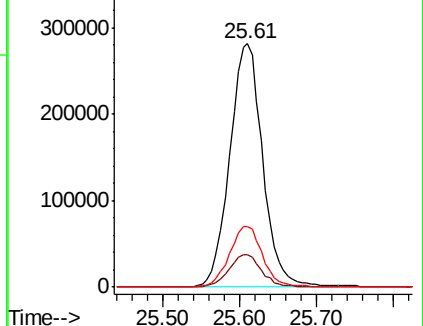
277 24.8 19.7 29.5

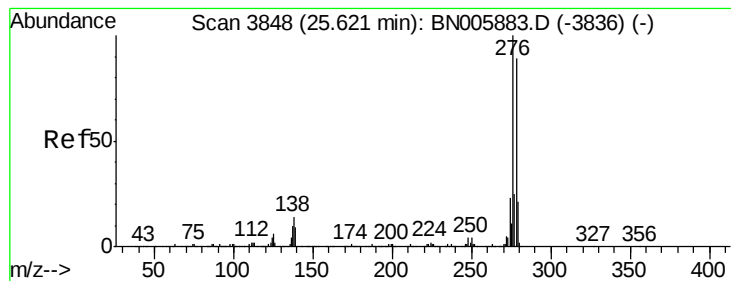


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 18.366 ng/ul

RT: 25.61 min Scan# 3846

Delta R.T. 0.02 min

Lab File: BN005886.D

Acq: 23 May 2019 18:15

Instrument :

BNA_N

ClientSampleId :

A42E7

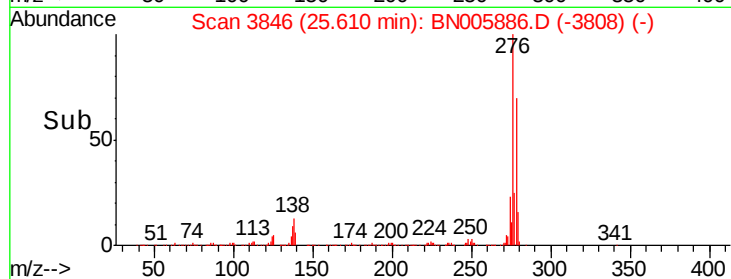
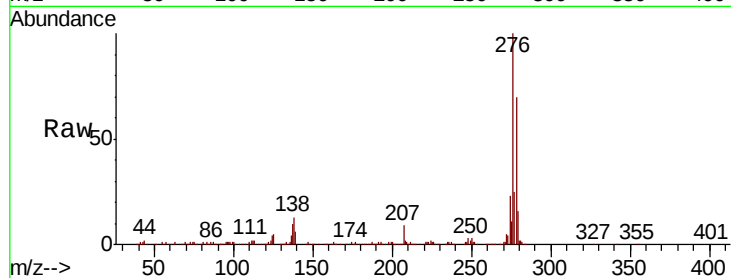
Tot Ion:278 Resp: 550638

Ion Ratio Lower Upper

278 100

139 9.1 13.1 19.7#

279 23.6 19.4 29.0



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

