

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011500.D
 Acq On : 19 Aug 2020 00:29
 Operator : CG/JU
 Sample : L3668-11MS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFT6MS

Quant Time: Aug 19 02:22:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 19 02:19:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	162873	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	658301	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	408863	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	899746	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1078407	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	1023826	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	20123	5.93	ng/uL	0.00
5) Phenol-d5	6.63	99	68915	5.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	167277	28.49	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	234167	22.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	126990	13.58	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	133295	26.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	144360	25.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	253139	23.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	24523	1.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	990405	31.11	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1072313	27.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	33686	6.25	ng/ul	0.00
58) Fluorene-d10	15.07	176	847188	30.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	150708	25.26	ng/ul	0.00
71) Anthracene-d10	16.92	188	1402342	32.63	ng/ul	0.00
79) Pyrene-d10	19.23	212	1615079	29.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	1826024	32.11	ng/ul	0.00

Target Compounds

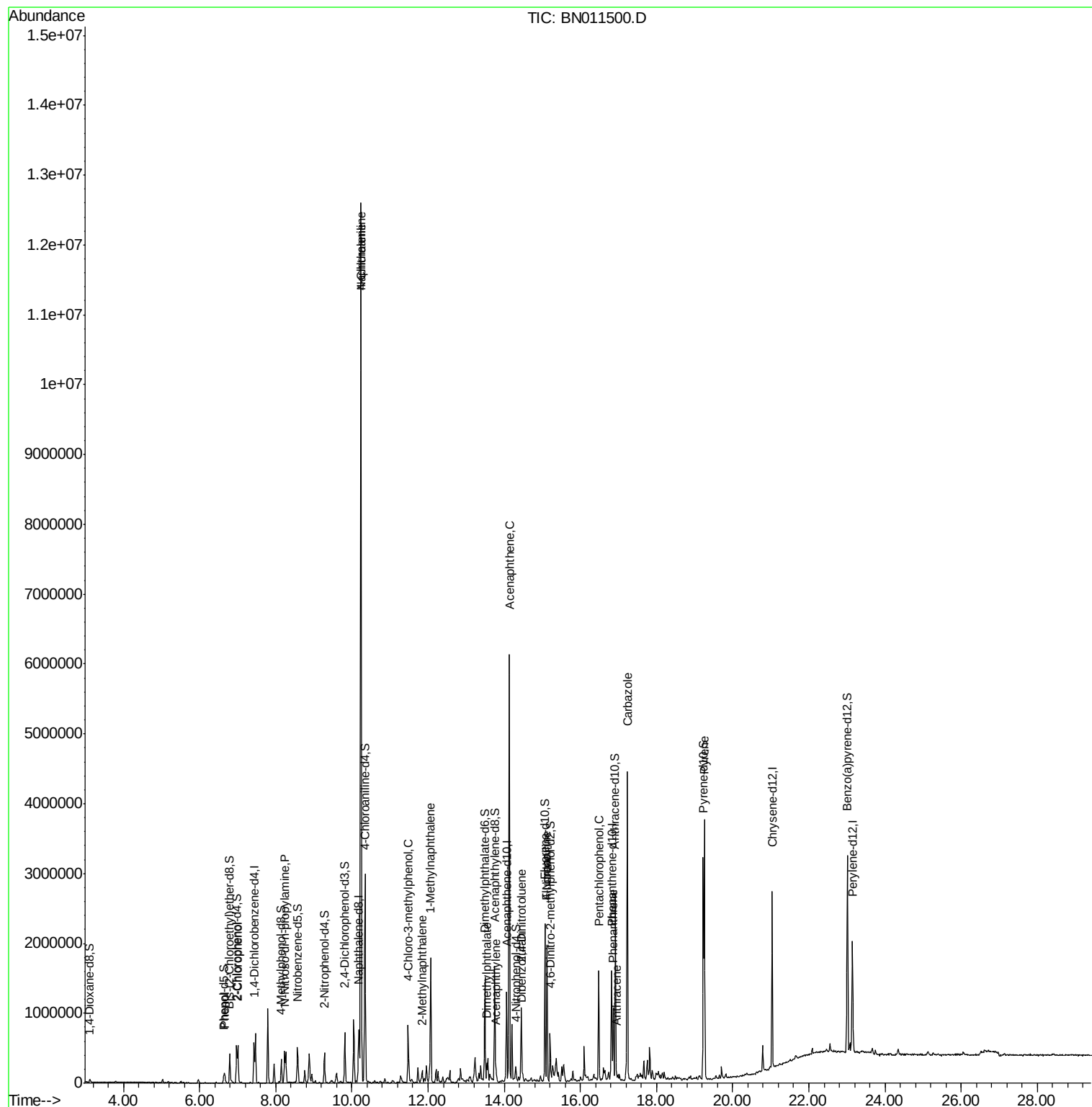
					Ovalue
6) Phenol	6.66	94	79278	6.751	ng/ul 98
10) 2-Chlorophenol	7.00	128	237439	22.290	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.23	70	186440	28.460	ng/ul 97
28) Naphthalene	10.23	128	10640201	289.625	ng/ul 99
30) 4-Chloroaniline	10.23	127	1425408	109.881	ng/ul# 15
33) 4-Chloro-3-methylphenol	11.48	107	293289	28.048	ng/ul 95
34) 2-Methylnaphthalene	11.85	142	53059	2.107	ng/ul 86
35) 1-Methylnaphthalene	12.07	142	775403	31.411	ng/uL 99
45) Dimethylphthalate	13.54	163	150200	4.596	ng/ul 98
48) Acenaphthylene	13.78	152	44509	1.122	ng/ul# 88
50) Acenaphthene	14.13	153	2454927	88.375	ng/ul 99
54) Dibenzofuran	14.47	168	63306	1.571	ng/ul 100
55) 2,4-Dinitrotoluene	14.45	165	300339	32.637	ng/ul 92
59) Fluorene	15.12	166	799468	24.622	ng/ul 97
61) 4-Nitroaniline	15.12	138	10250	1.710	ng/ul# 11
69) Pentachlorophenol	16.48	266	230081	35.235	ng/ul# 81
70) Phenanthrene	16.86	178	578490	10.840	ng/ul 98
72) Anthracene	16.95	178	59500	1.101	ng/ul 96
75) Carbazole	17.23	167	2661267	58.546	ng/ul 99
80) Pyrene	19.26	202	2052710	27.049	ng/ul 99

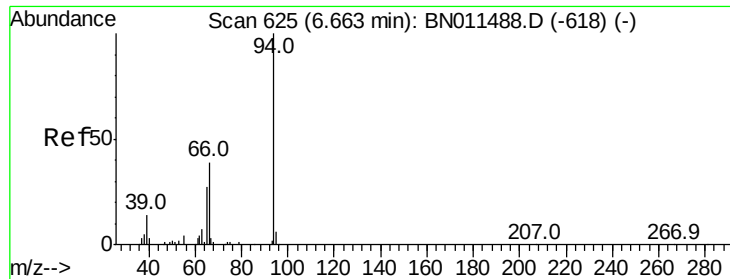
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 6.751 ng/ul

RT: 6.66 min Scan# 625

Delta R.T. 0.00 min

Lab File: BN011500.D

Acq: 19 Aug 2020 00:29

Instrument :

BNA_N

ClientSampleId :

DBFT6MS

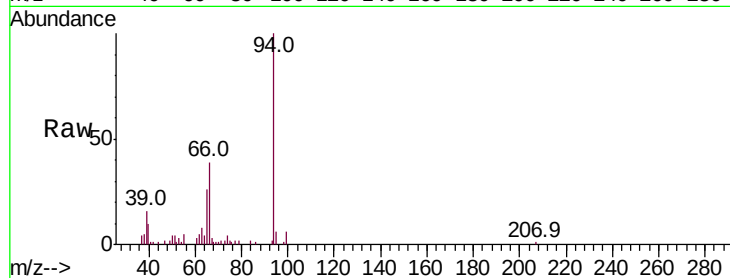
Tot Ion: 94 Resp: 79278

Ion Ratio Lower Upper

94 100

65 25.9 22.1 33.1

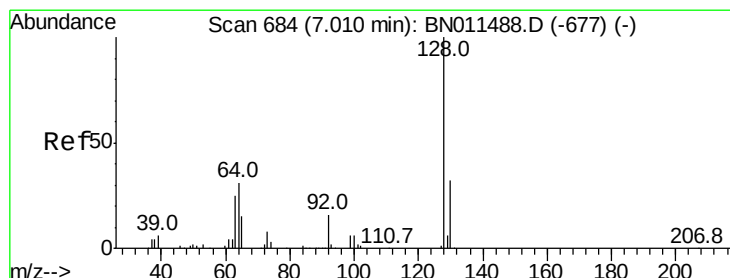
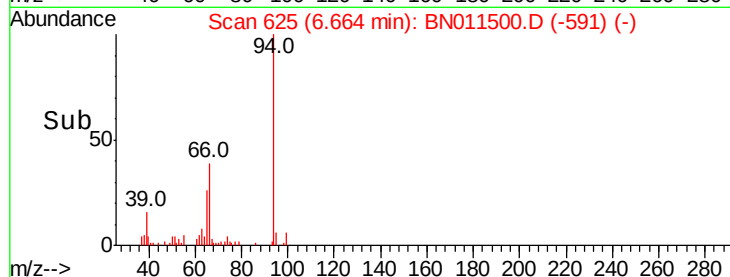
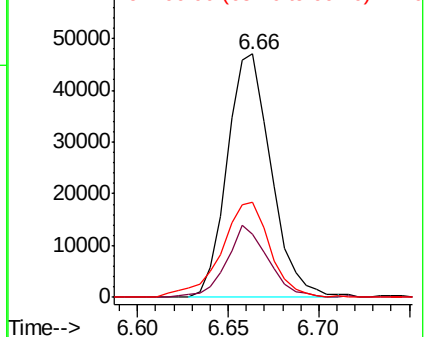
66 38.9 32.1 48.1



Abundance Ion 94.00 (93.70 to 94.70): BN011488.D (-618) (-)

Ion 65.00 (64.70 to 65.70): BN011488.D (-618) (-)

Ion 66.00 (65.70 to 66.70): BN011488.D (-618) (-)



#10

2-Chlorophenol

Concen: 22.290 ng/ul

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BN011500.D

Acq: 19 Aug 2020 00:29

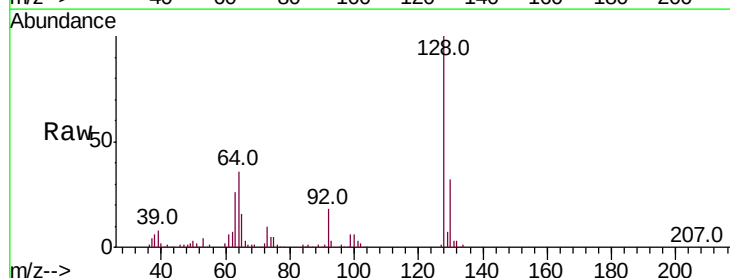
Tgt Ion: 128 Resp: 237439

Ion Ratio Lower Upper

128 100

64 36.4 25.4 38.0

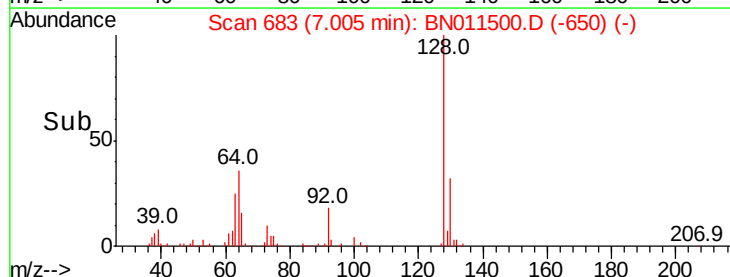
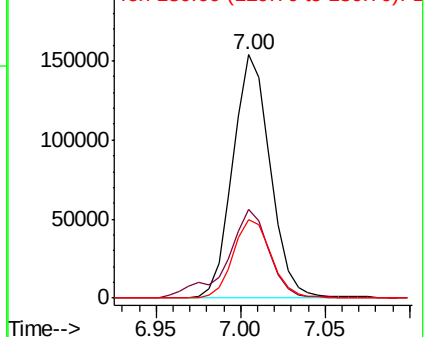
130 32.0 26.3 39.5

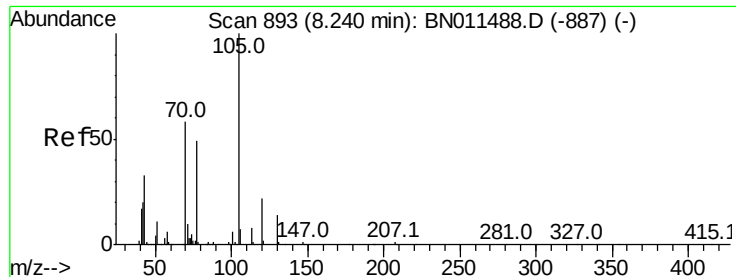


Abundance Ion 128.00 (127.70 to 128.70): BN011488.D (-677) (-)

Ion 64.00 (63.70 to 64.70): BN011488.D (-677) (-)

Ion 130.00 (129.70 to 130.70): BN011488.D (-677) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 28.460 ng/ul

RT: 8.23 min Scan# 892

Delta R.T. -0.01 min

Lab File: BN011500.D

Acq: 19 Aug 2020 00:29

Instrument :

BNA_N

ClientSampleId :

DBFT6MS

Tot Ion: 70 Resp: 186440

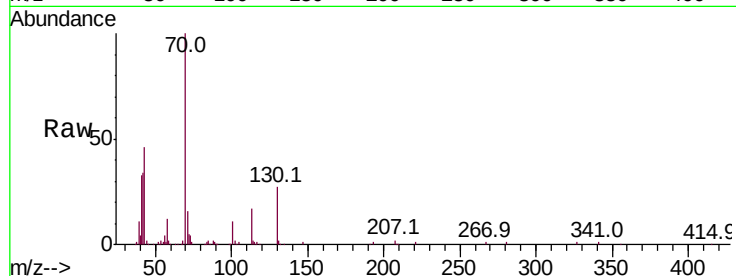
Ion Ratio Lower Upper

70 100

42 33.5 27.2 40.8

101 11.4 8.3 12.5

130 27.5 19.4 29.0

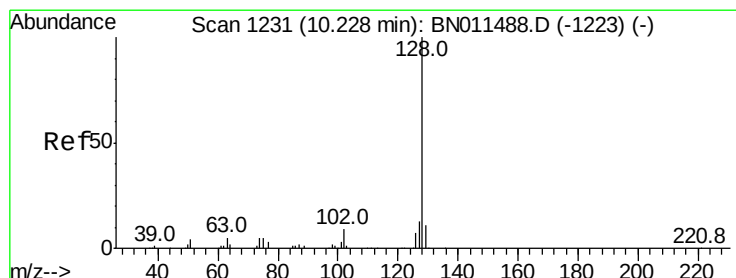
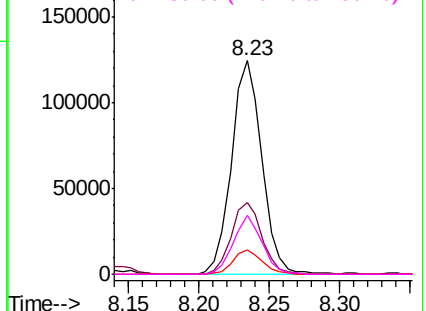
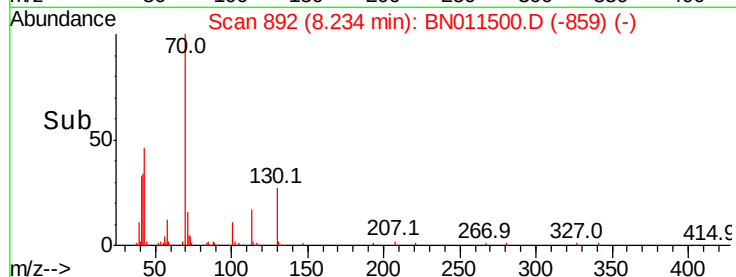


Abundance Ion 70.00 (69.70 to 70.70): BN011500.D (-859) (-)

Ion 42.00 (41.70 to 42.70): BN011500.D (-859) (-)

Ion 101.00 (100.70 to 101.70): BN011500.D (-859) (-)

Ion 130.00 (129.70 to 130.70): BN011500.D (-859) (-)



#28

Naphthalene

Concen: 289.625 ng/ul

RT: 10.23 min Scan# 1232

Delta R.T. 0.01 min

Lab File: BN011500.D

Acq: 19 Aug 2020 00:29

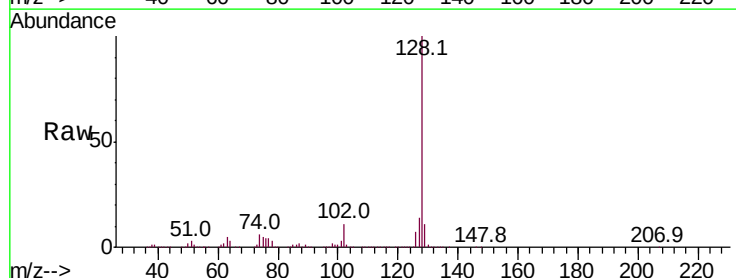
Tgt Ion:128 Resp:10640201

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

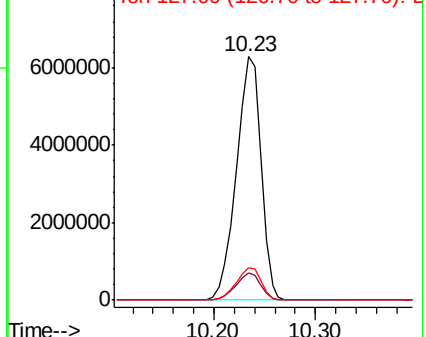
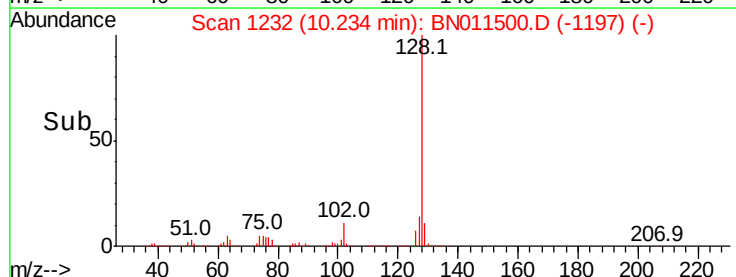
127 13.5 10.2 15.2

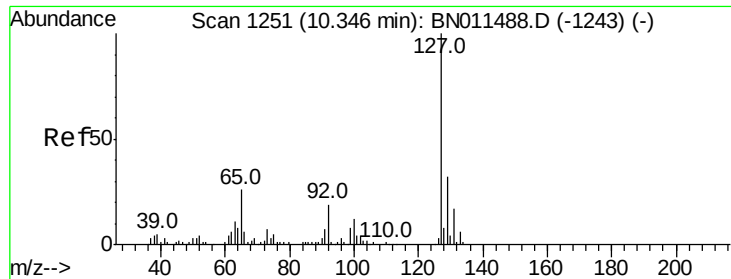


Abundance Ion 128.00 (127.70 to 128.70): BN011500.D (-1197) (-)

Ion 129.00 (128.70 to 129.70): BN011500.D (-1197) (-)

Ion 127.00 (126.70 to 127.70): BN011500.D (-1197) (-)

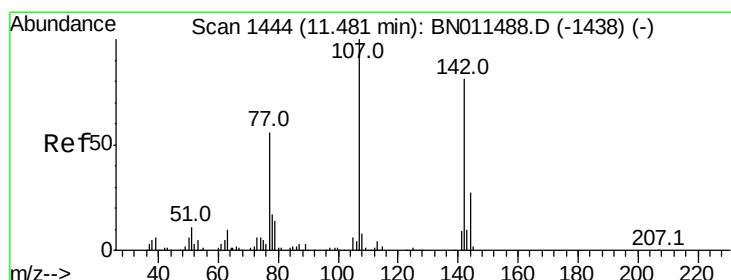
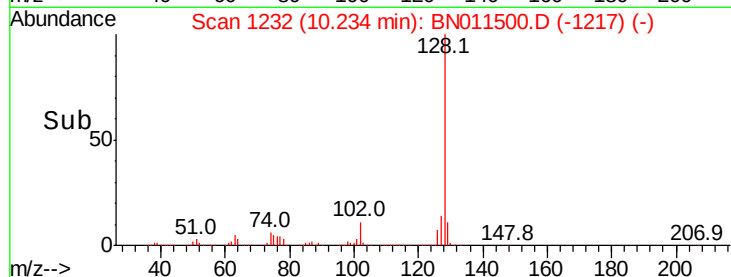
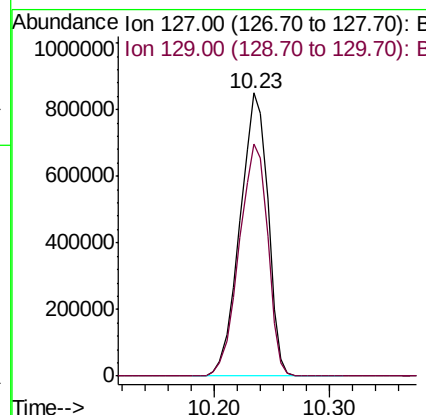
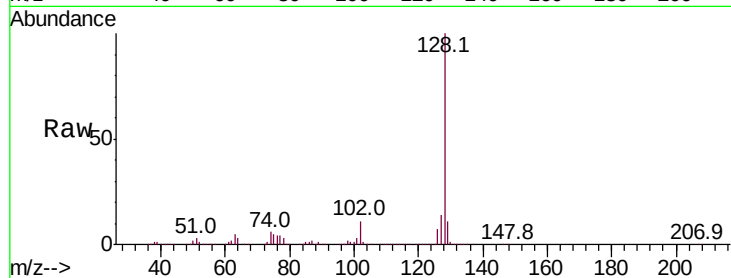




#30
4-Chloroaniline
Concen: 109.881 ng/ul
RT: 10.23 min Scan# 1232
Delta R.T. -0.11 min
Lab File: BN011500.D
Acq: 19 Aug 2020 00:29

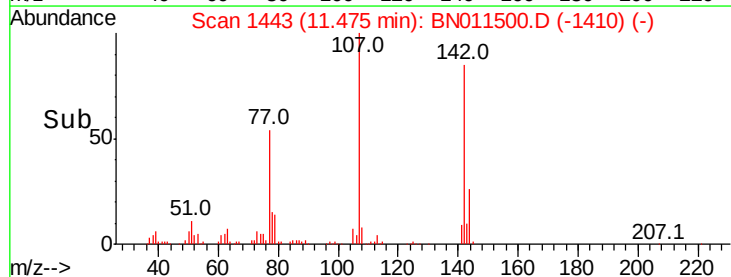
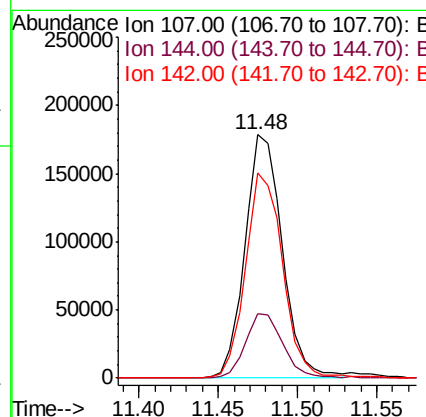
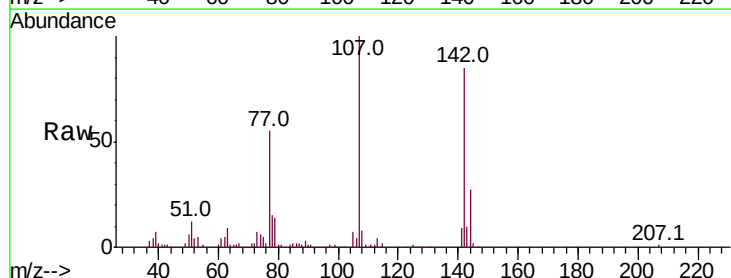
Instrument :
BNA_N
ClientSampleId :
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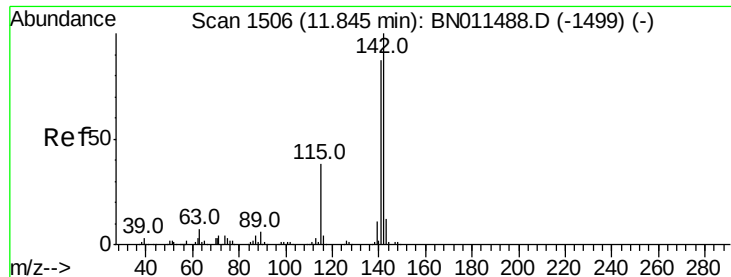
Tot Ion:127 Resp: 1425408
Ion Ratio Lower Upper
127 100
129 81.9 26.9 40.3#



#33
4-Chloro-3-methylphenol
Concen: 28.048 ng/ul
RT: 11.48 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BN011500.D
Acq: 19 Aug 2020 00:29

Tgt Ion:107 Resp: 293289
Ion Ratio Lower Upper
107 100
144 26.5 22.2 33.4
142 84.5 63.4 95.2

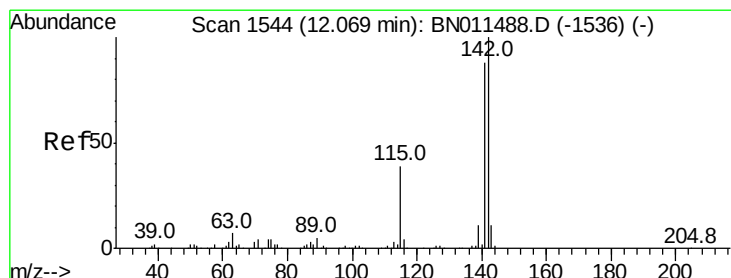
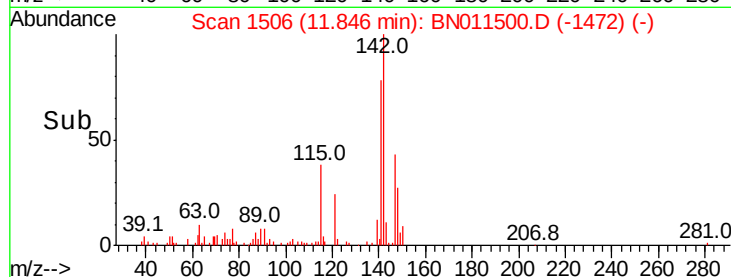
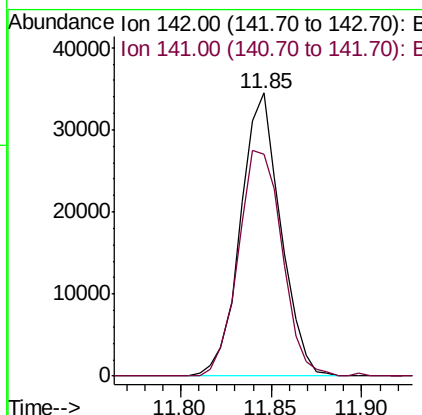
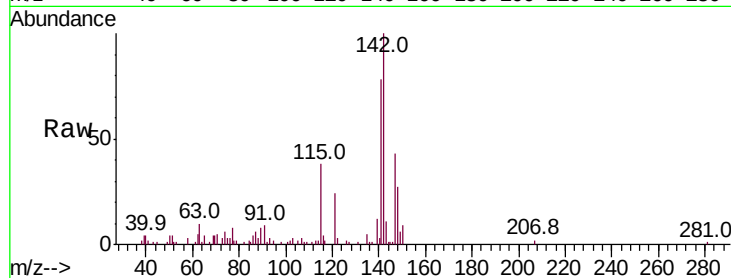




#34
 2-Methylnaphthalene
 Concen: 2.107 ng/uL
 RT: 11.85 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BN011500.D
 Acq: 19 Aug 2020 00:29

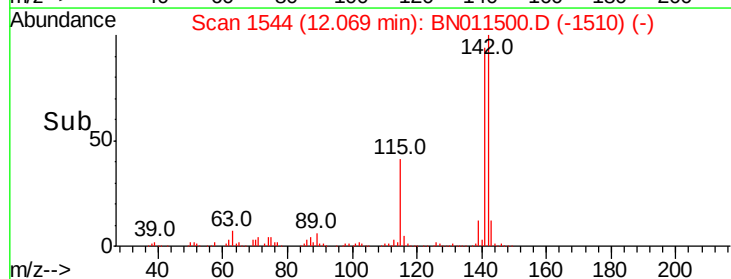
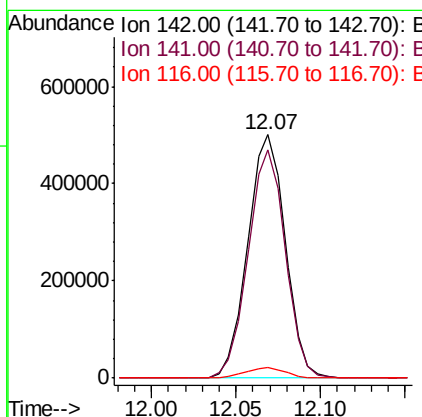
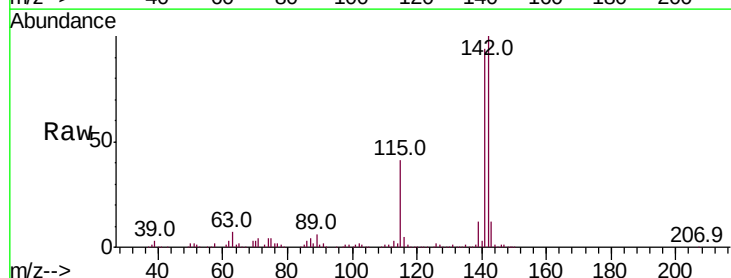
Instrument :
 BNA_N
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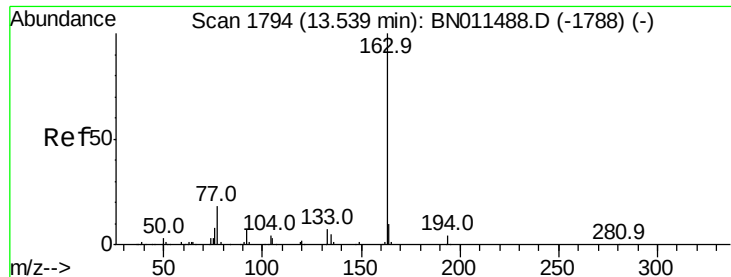
Tot Ion:142 Resp: 53059
 Ion Ratio Lower Upper
 142 100
 141 78.3 73.2 109.8



#35
 1-Methylnaphthalene
 Concen: 31.411 ng/uL
 RT: 12.07 min Scan# 1544
 Delta R.T. 0.00 min
 Lab File: BN011500.D
 Acq: 19 Aug 2020 00:29

Tgt Ion:142 Resp: 775403
 Ion Ratio Lower Upper
 142 100
 141 92.7 75.0 112.4
 116 4.6 3.4 5.0

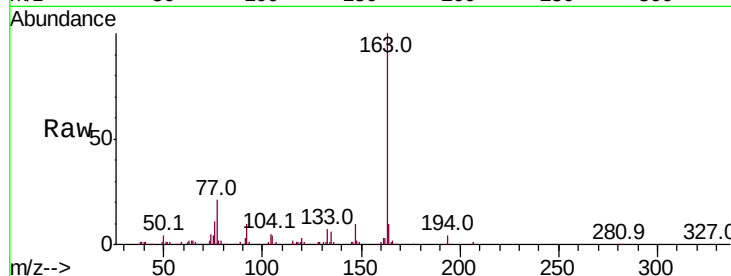




#45
Dimethylphthalate
Concen: 4.596 ng/ul
RT: 13.54 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BN011500.D
Acq: 19 Aug 2020 00:29

Instrument :
BNA_N
ClientSampleId :
DBFT6MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.8	5.6
164	10.4	8.7	13.1

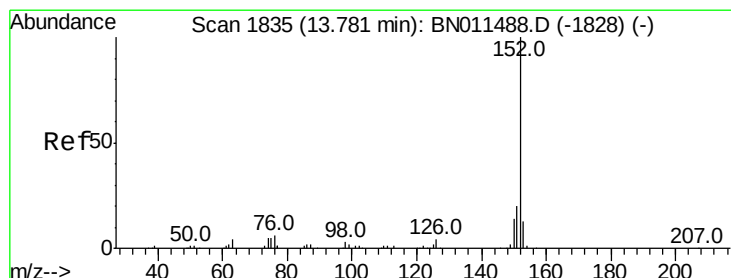
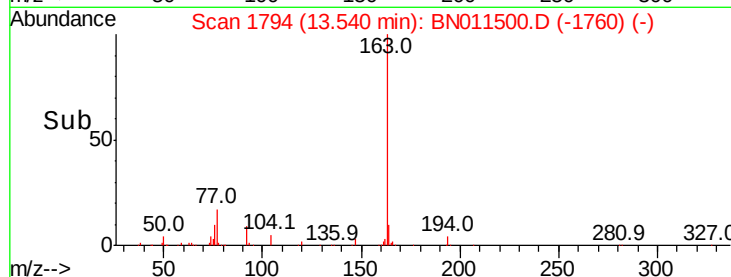
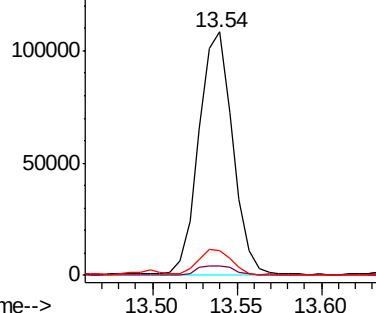


Abundance

Ion 163.00 (162.70 to 163.70): E

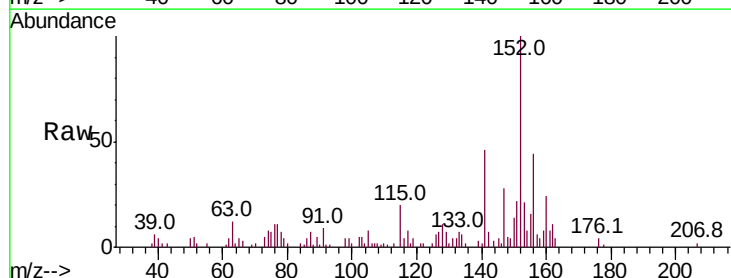
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48
Acenaphthylene
Concen: 1.122 ng/ul
RT: 13.78 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BN011500.D
Acq: 19 Aug 2020 00:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	15.4	23.2
153	21.4	9.9	14.9

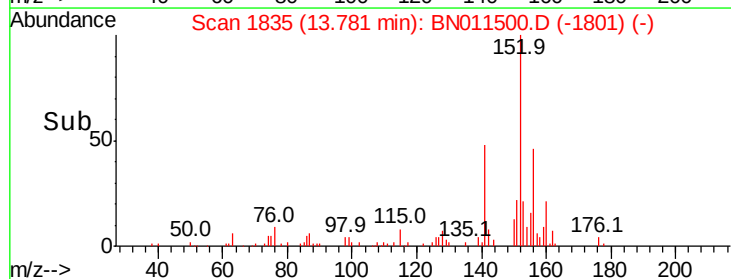
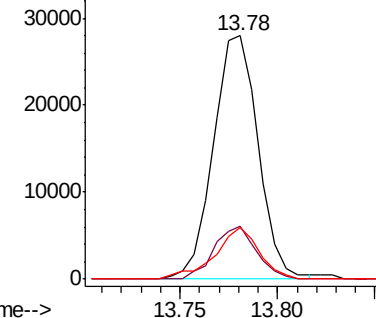


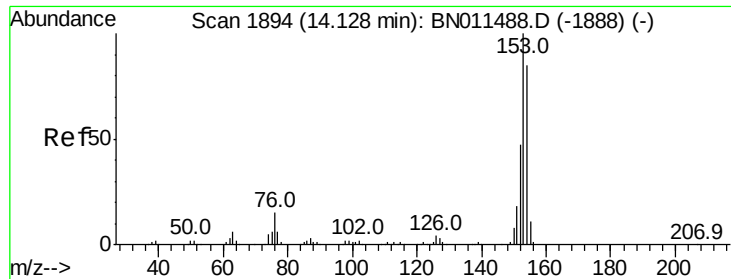
Abundance

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





#50

Acenaphthene

Concen: 88.375 ng/ul

RT: 14.13 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BN011500.D

Acq: 19 Aug 2020 00:29

Instrument :

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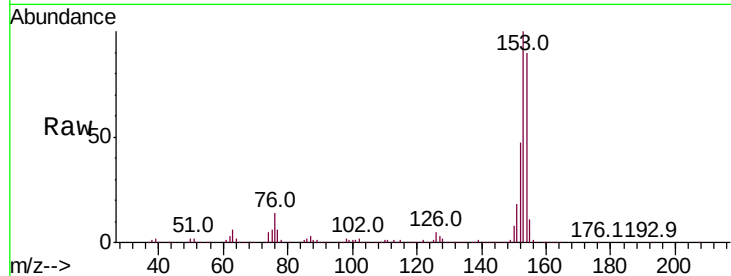
Tot Ion:153 Resp: 2454927

Ion Ratio Lower Upper

153 100

152 47.4 37.6 56.4

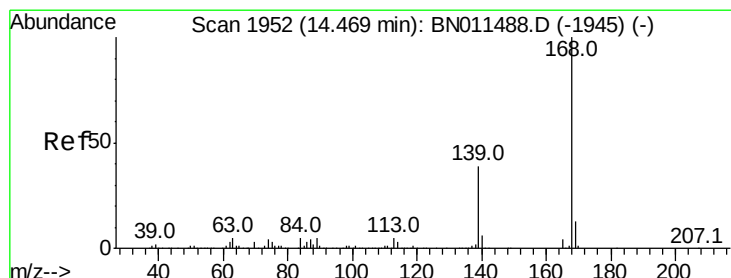
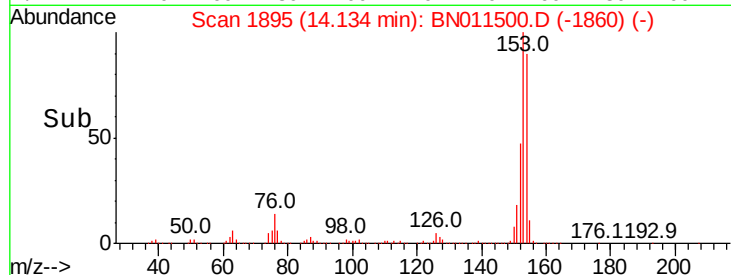
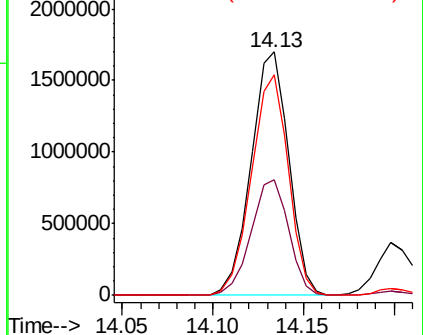
154 90.4 72.0 108.0



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



#54

Dibenzofuran

Concen: 1.571 ng/ul

RT: 14.47 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BN011500.D

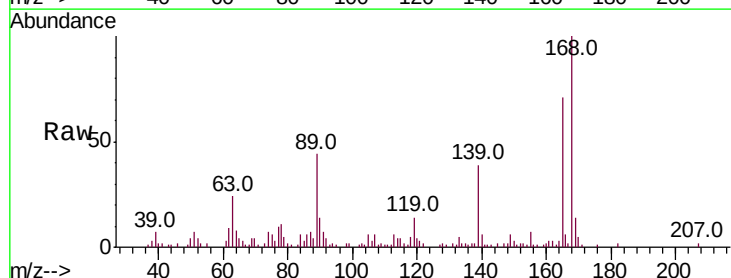
Acq: 19 Aug 2020 00:29

Tgt Ion:168 Resp: 63306

Ion Ratio Lower Upper

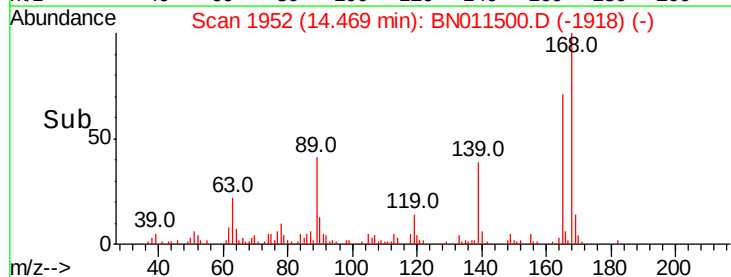
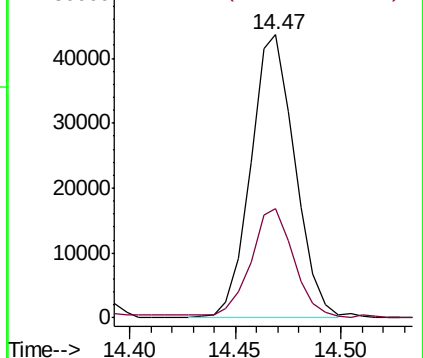
168 100

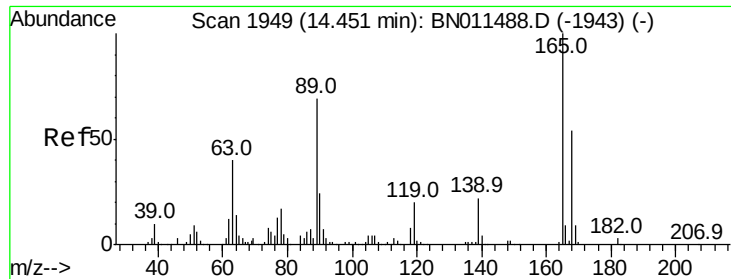
139 38.6 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

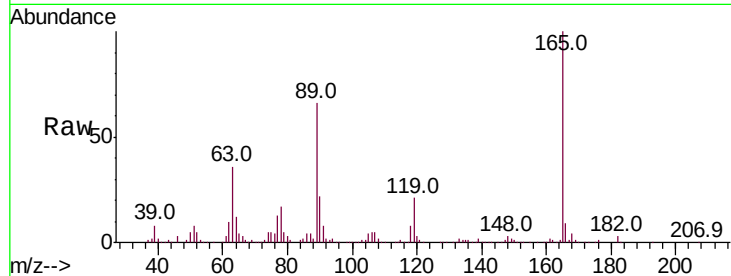




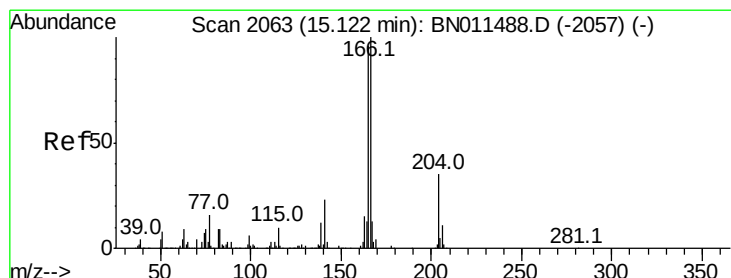
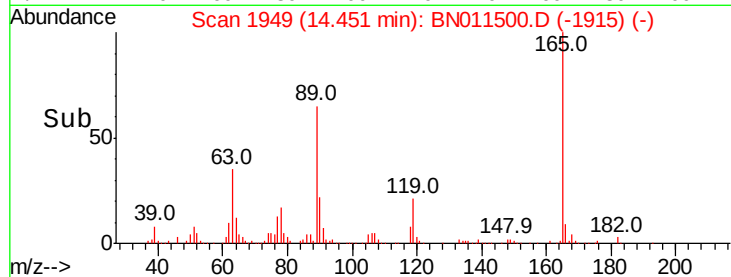
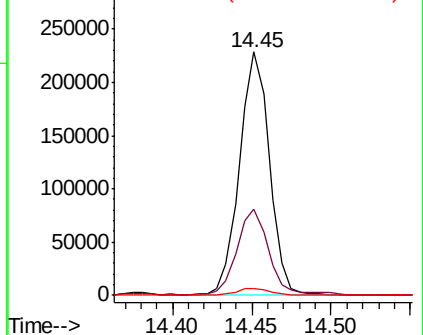
#55
 2,4-Dinitrotoluene
 Concen: 32.637 ng/ul
 RT: 14.45 min Scan# 1949
 Delta R.T. 0.00 min
 Lab File: BN011500.D
 Acq: 19 Aug 2020 00:29

Instrument :
 BNA_N
 ClientSampleId :
 DBFT6MS

Tot Ion:165 Resp: 300339
 Ion Ratio Lower Upper
 165 100
 63 35.7 32.6 48.8
 182 2.9 2.1 3.1

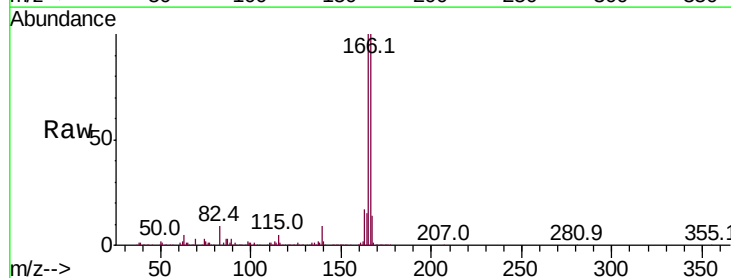


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 182.00 (181.70 to 182.70): E

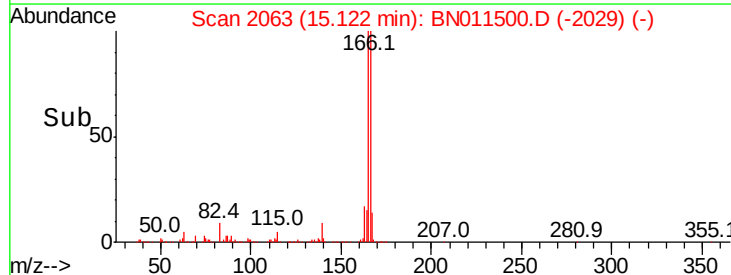
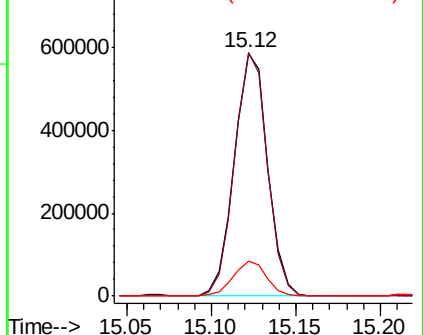


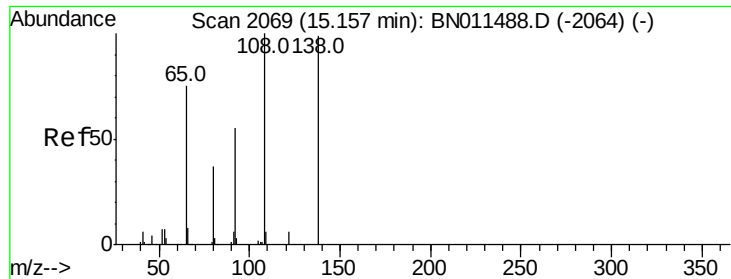
#59
 Fluorene
 Concen: 24.622 ng/ul
 RT: 15.12 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: BN011500.D
 Acq: 19 Aug 2020 00:29

Tgt Ion:166 Resp: 799468
 Ion Ratio Lower Upper
 166 100
 165 100.3 78.0 117.0
 167 14.3 11.9 17.9



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

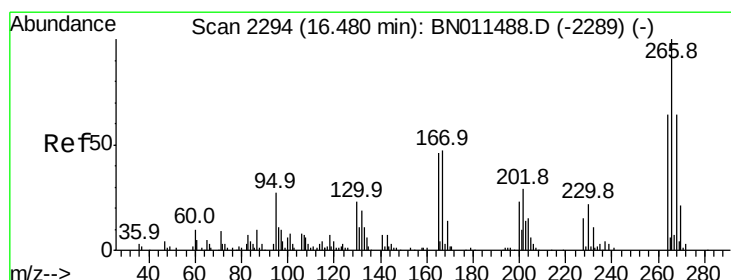
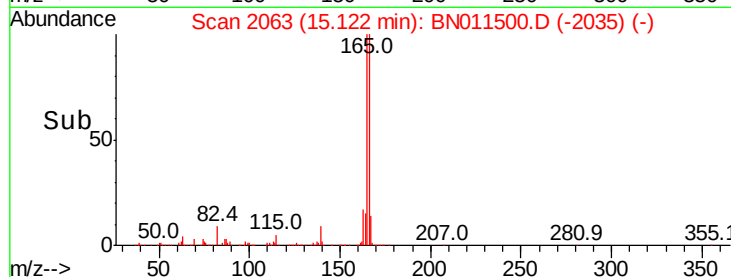
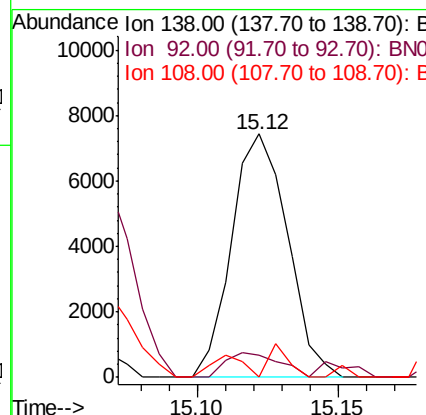
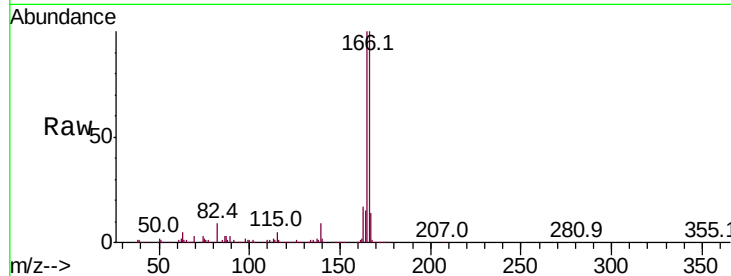




#61
4-Nitroaniline
Concen: 1.710 ng/ul
RT: 15.12 min Scan# 2063
Delta R.T. -0.04 min
Lab File: BN011500.D
Acq: 19 Aug 2020 00:29

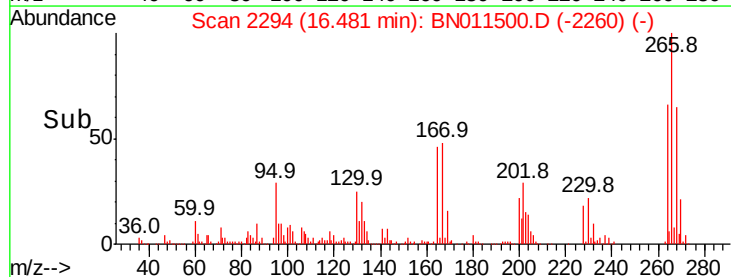
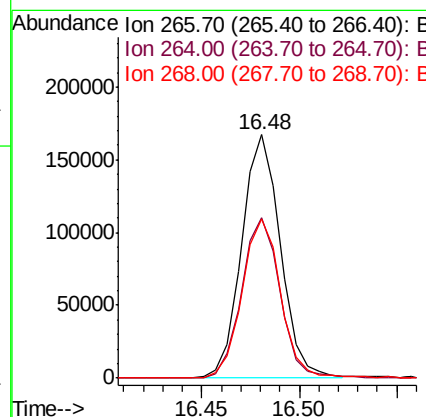
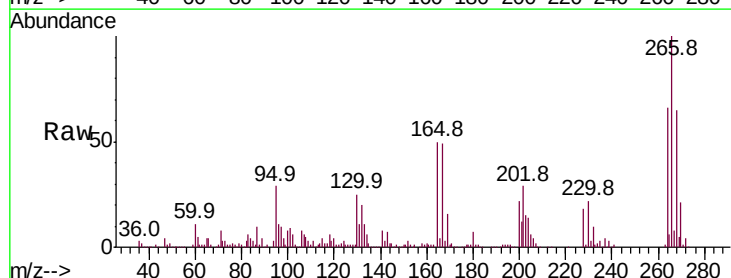
Instrument :
BNA_N
ClientSampleId :
DBFT6MS

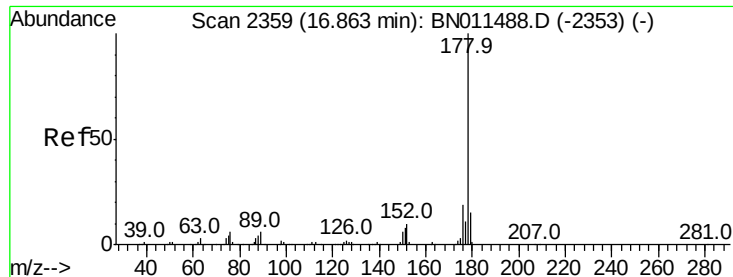
Tot Ion:138 Resp: 10250
Ion Ratio Lower Upper
138 100
92 9.0 45.2 67.8#
108 0.0 83.5 125.3#



#69
Pentachlorophenol
Concen: 35.235 ng/ul
RT: 16.48 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BN011500.D
Acq: 19 Aug 2020 00:29

Tgt Ion:266 Resp: 230081
Ion Ratio Lower Upper
266 100
264 65.7 67.9 101.9#
268 65.5 63.4 95.2





#70

Phenanthrene

Concen: 10.840 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. 0.00 min

Lab File: BN011500.D

Acq: 19 Aug 2020 00:29

Instrument :

BNA_N

ClientSampleId :

DBFT6MS

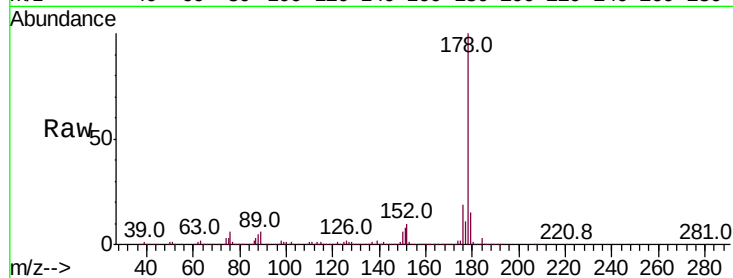
Tot Ion:178 Resp: 578490

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.1	19.7
176	18.9	15.7	23.5

178 100

179 15.5 13.1 19.7

176 18.9 15.7 23.5

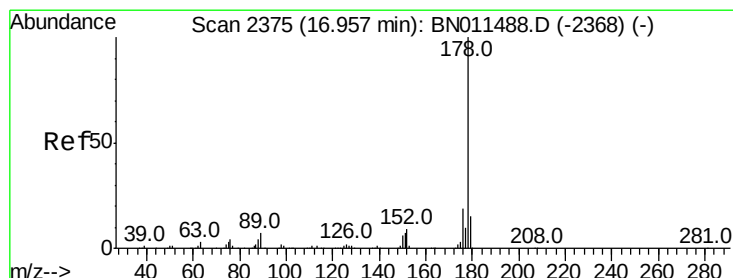
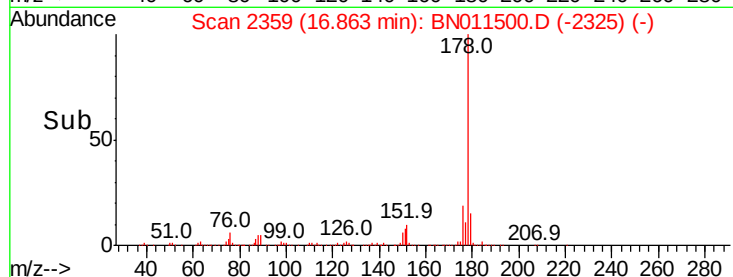
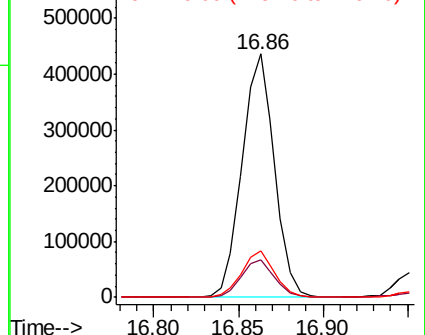


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 1.101 ng/ul

RT: 16.95 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BN011500.D

Acq: 19 Aug 2020 00:29

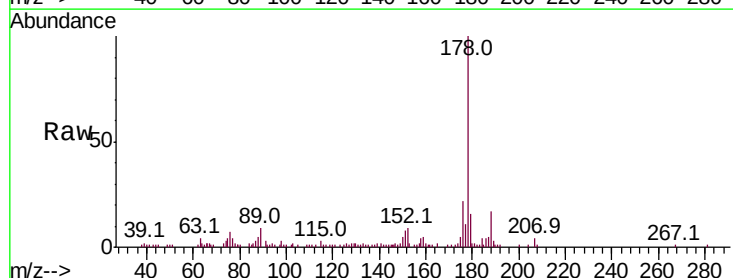
Tgt Ion:178 Resp: 59500

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.4
176	21.8	14.6	21.8

178 100

179 16.2 13.0 19.4

176 21.8 14.6 21.8

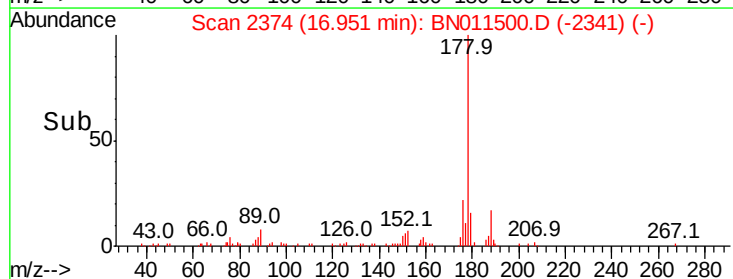
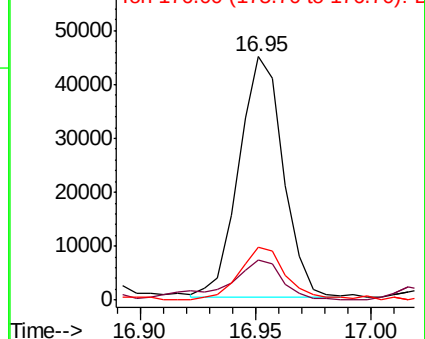


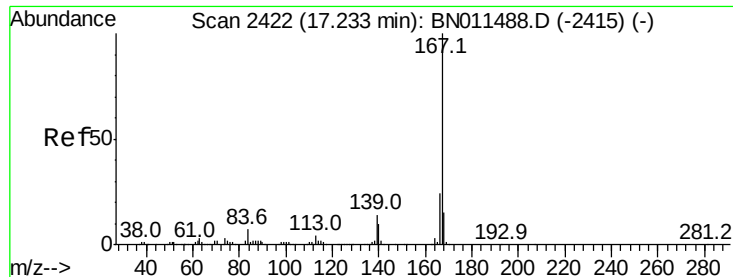
Abundance

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





#75

Carbazole

Concen: 58.546 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BN011500.D

Acq: 19 Aug 2020 00:29

Instrument :

BNA_N

ClientSampleId :

DBFT6MS

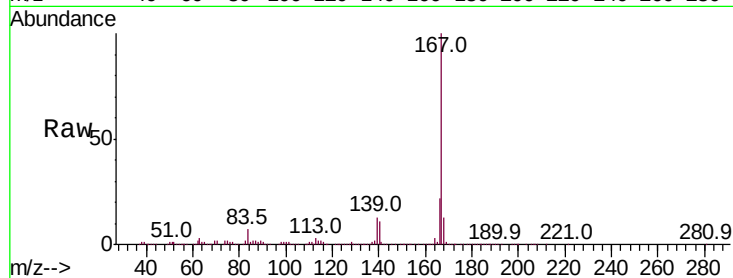
Tot Ion:167 Resp: 2661267

Ion Ratio Lower Upper

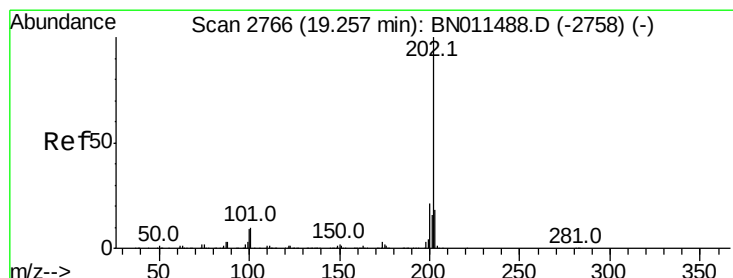
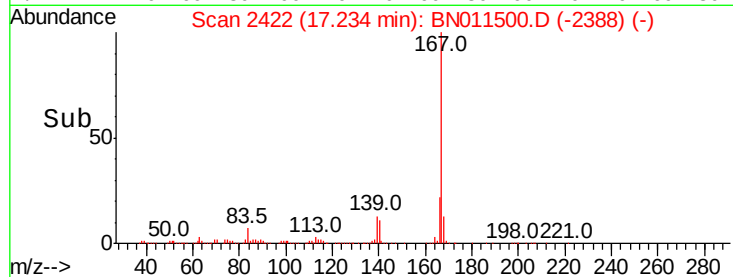
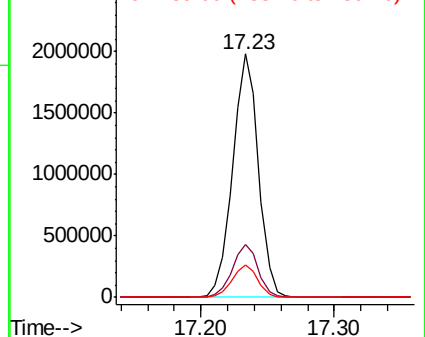
167 100

166 21.7 17.2 25.8

139 13.1 10.2 15.2



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



#80

Pyrene

Concen: 27.049 ng/ul

RT: 19.26 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BN011500.D

Acq: 19 Aug 2020 00:29

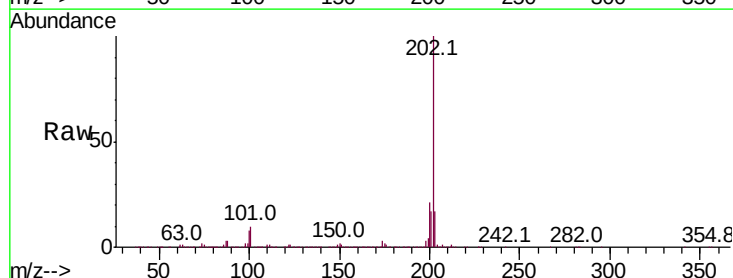
Tgt Ion:202 Resp: 2052710

Ion Ratio Lower Upper

202 100

101 9.6 7.8 11.8

100 8.5 6.5 9.7



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

