

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011501.D
 Acq On : 19 Aug 2020 01:05
 Operator : CG/JU
 Sample : L3668-12MSD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFT6MSD

Quant Time: Aug 19 02:22:34 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	172732	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	666747	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	424109	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	922987	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	1045933	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	940575	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	22608	6.28	ng/uL	0.00
5) Phenol-d5	6.63	99	71316	5.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	157826	25.35	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	231862	21.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	139782	14.09	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	156766	30.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	156978	27.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	267222	24.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	25671	1.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1018653	30.85	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1083685	27.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	36401	6.51	ng/ul	0.00
58) Fluorene-d10	15.07	176	873280	30.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	159181	26.00	ng/ul	0.00
71) Anthracene-d10	16.92	188	1466426	33.26	ng/ul	0.00
79) Pyrene-d10	19.23	212	1659096	30.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	1920058	36.76	ng/ul	0.00

Target Compounds

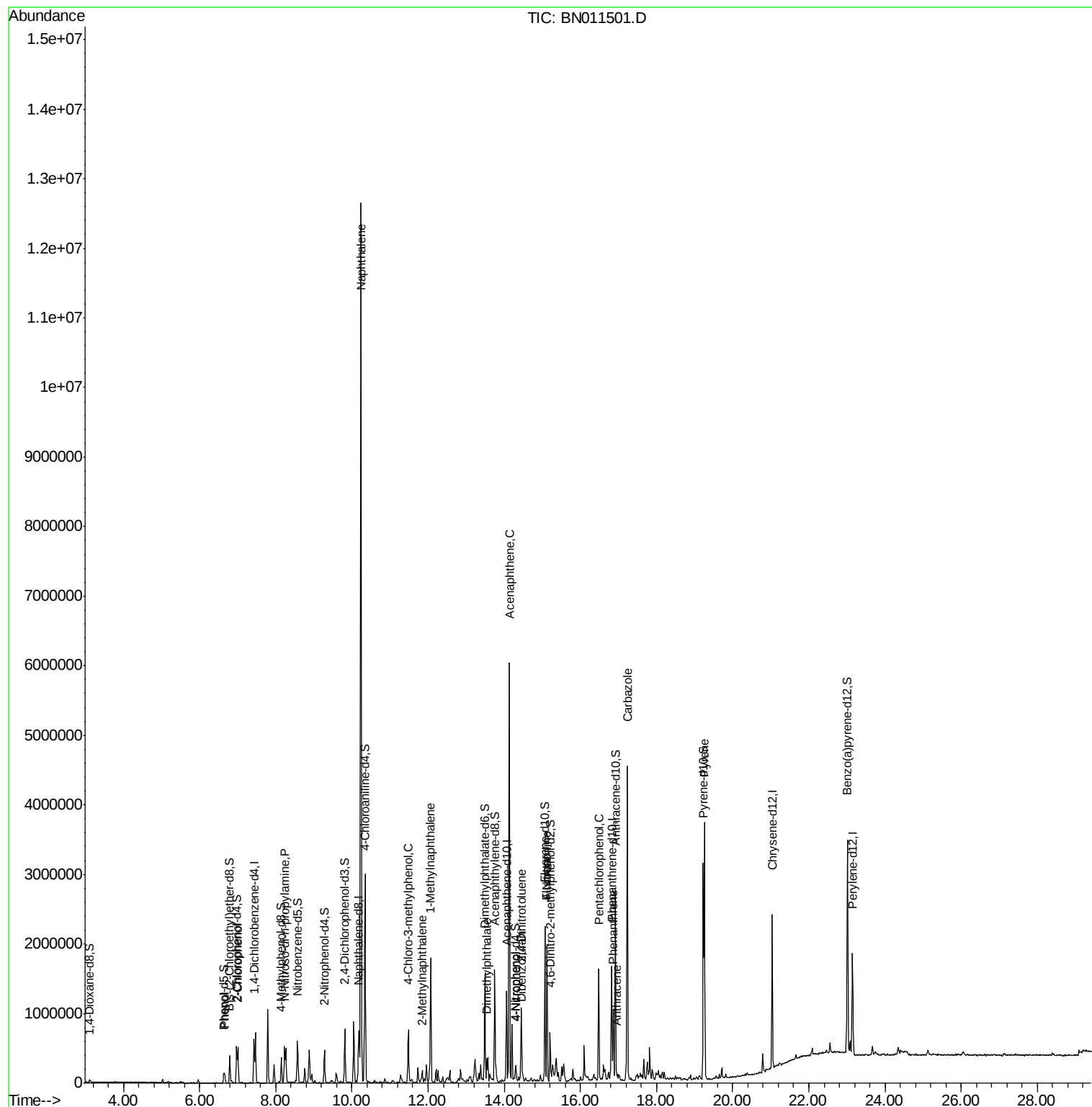
					Ovalue	
6) Phenol	6.66	94	77345	6.211	ng/ul	96
10) 2-Chlorophenol	7.00	128	229635	20.327	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.23	70	216784	31.203	ng/ul	99
28) Naphthalene	10.23	128	10586581	284.515	ng/ul	98
33) 4-Chloro-3-methylphenol	11.48	107	277975	26.247	ng/ul	97
34) 2-Methylnaphthalene	11.85	142	51607	2.023	ng/ul	95
35) 1-Methylnaphthalene	12.07	142	796750	31.867	ng/uL	98
45) Dimethylphthalate	13.54	163	186059	5.489	ng/ul	97
50) Acenaphthene	14.13	153	2395599	83.139	ng/ul	99
53) 4-Nitrophenol	14.31	109	34925	6.549	ng/ul#	84
54) Dibenzofuran	14.47	168	59717	1.429	ng/ul	89
55) 2,4-Dinitrotoluene	14.45	165	308442	32.313	ng/ul	91
59) Fluorene	15.12	166	791522	23.501	ng/ul	97
61) 4-Nitroaniline	15.12	138	8771	1.410	ng/ul#	18
69) Pentachlorophenol	16.48	266	243807	36.397	ng/ul#	82
70) Phenanthrene	16.86	178	565569	10.331	ng/ul	99
72) Anthracene	16.95	178	59738	1.077	ng/ul	98
75) Carbazole	17.23	167	2702060	57.946	ng/ul	99
80) Pyrene	19.26	202	2083867	28.312	ng/ul	99

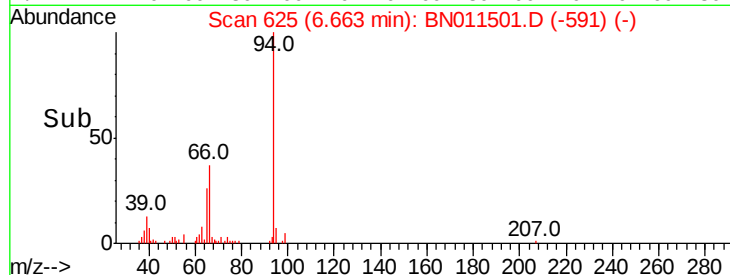
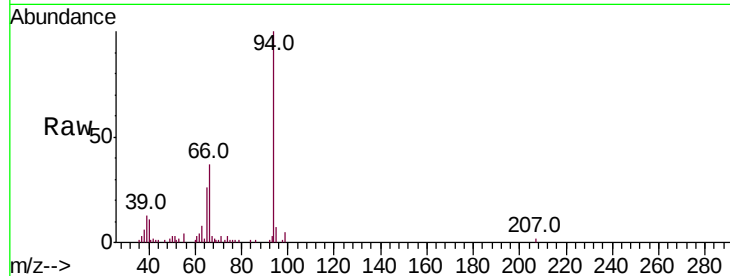
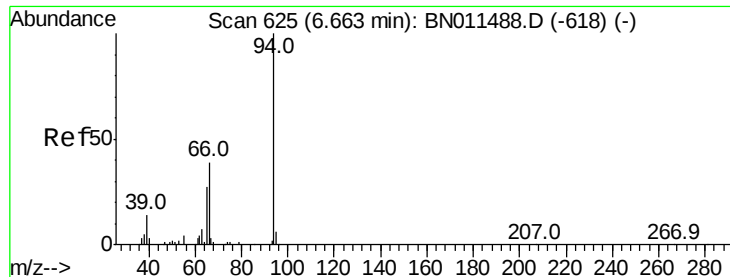
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.211 ng/ul

RT: 6.66 min Scan# 625

Delta R.T. 0.00 min

Lab File: BN011501.D

Acq: 19 Aug 2020 01:05

Instrument :

BNA_N

ClientSampleId :

DBFT6MSD

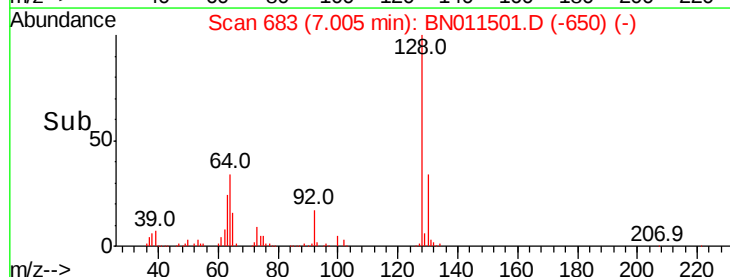
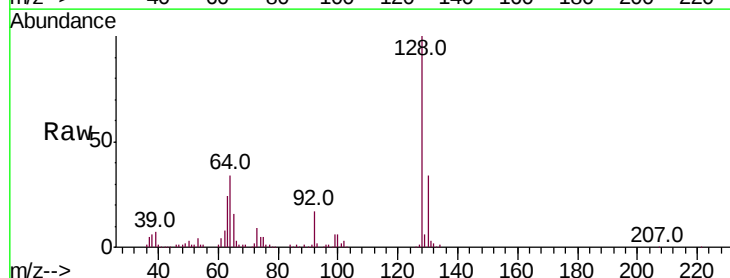
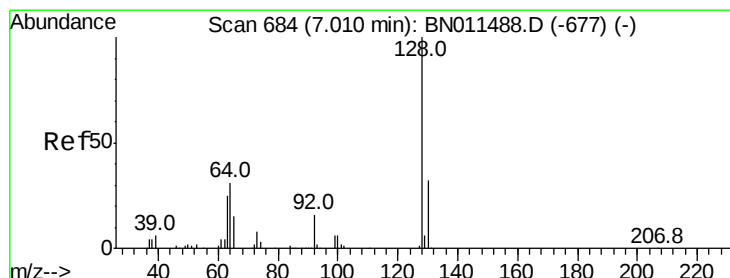
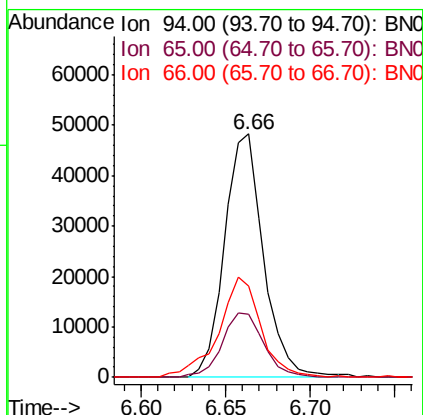
Tot Ion: 94 Resp: 77345

Ion Ratio Lower Upper

94 100

65 26.1 22.1 33.1

66 37.2 32.1 48.1



#10

2-Chlorophenol

Concen: 20.327 ng/ul

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BN011501.D

Acq: 19 Aug 2020 01:05

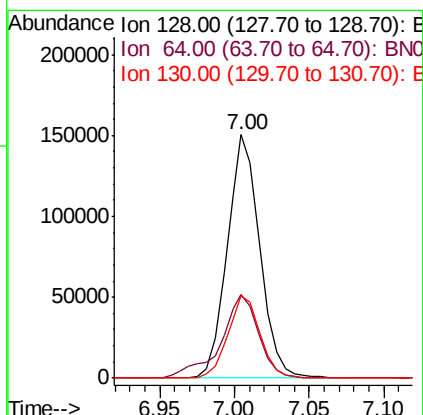
Tgt Ion: 128 Resp: 229635

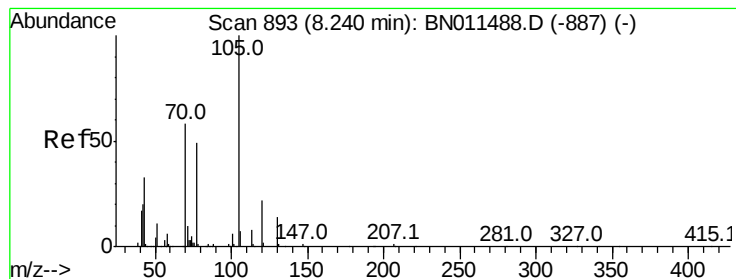
Ion Ratio Lower Upper

128 100

64 34.3 25.4 38.0

130 33.7 26.3 39.5





#15

N-Nitroso-di-n-propylamine

Concen: 31.203 ng/ul

RT: 8.23 min Scan# 892

Delta R.T. -0.01 min

Lab File: BN011501.D

Acq: 19 Aug 2020 01:05

Instrument :

BNA_N

ClientSampleId :

DBFT6MSD

Tot Ion: 70 Resp: 216784

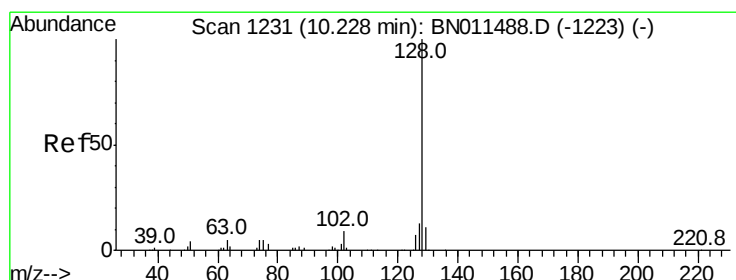
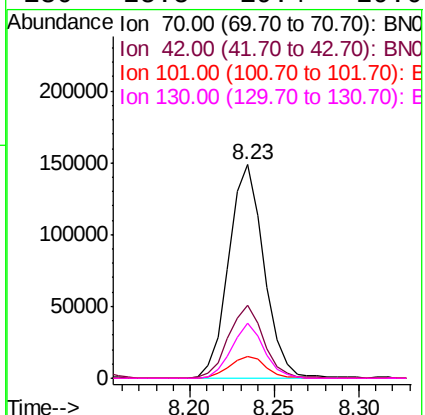
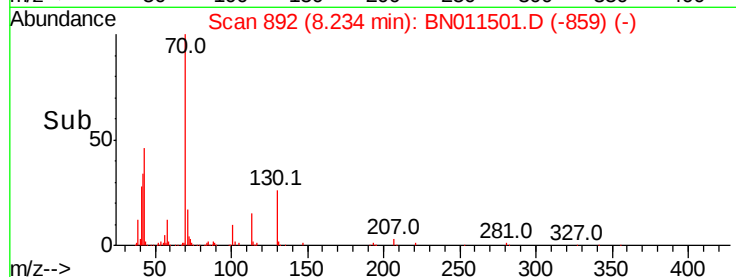
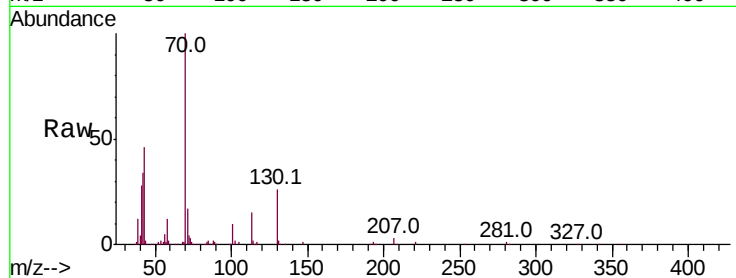
Ion Ratio Lower Upper

70 100

42 34.0 27.2 40.8

101 10.2 8.3 12.5

130 25.5 19.4 29.0



#28

Naphthalene

Concen: 284.515 ng/ul

RT: 10.23 min Scan# 1232

Delta R.T. 0.01 min

Lab File: BN011501.D

Acq: 19 Aug 2020 01:05

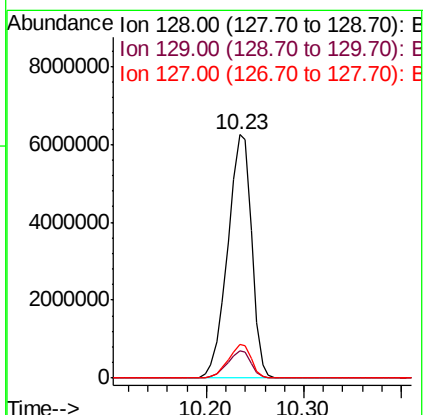
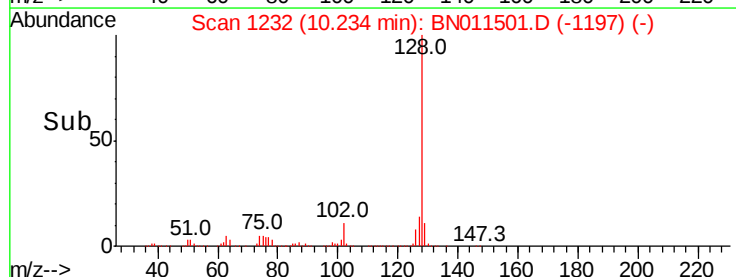
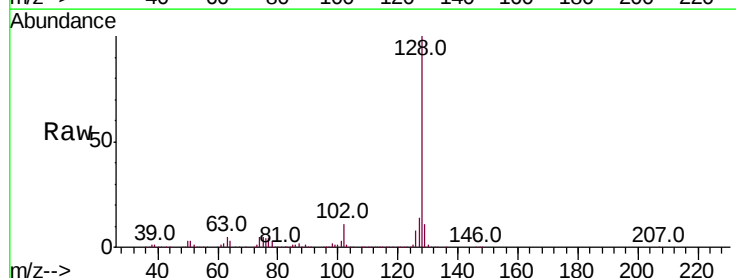
Tgt Ion:128 Resp:10586581

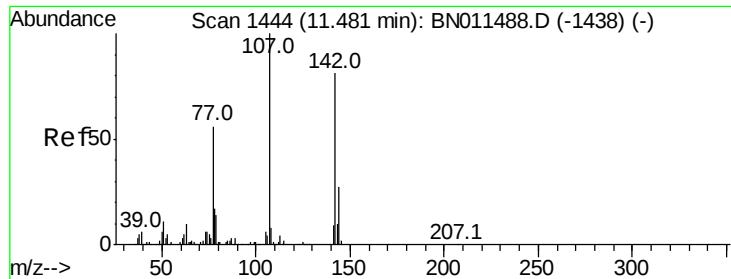
Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

127 13.7 10.2 15.2

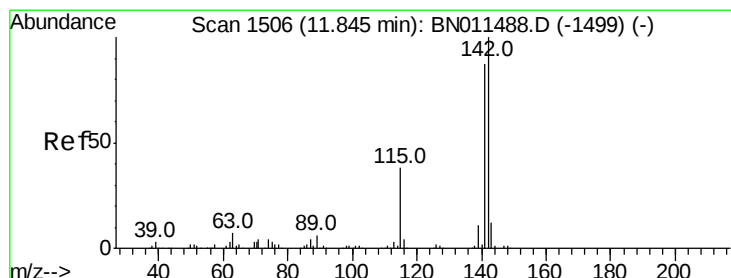
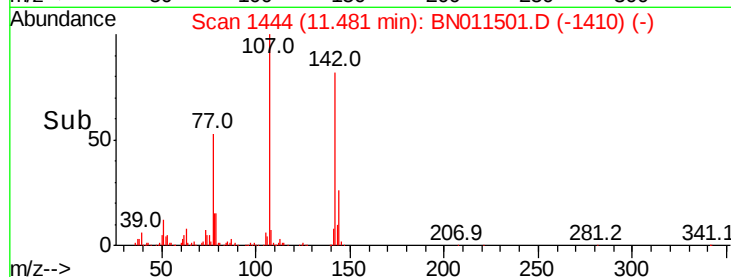
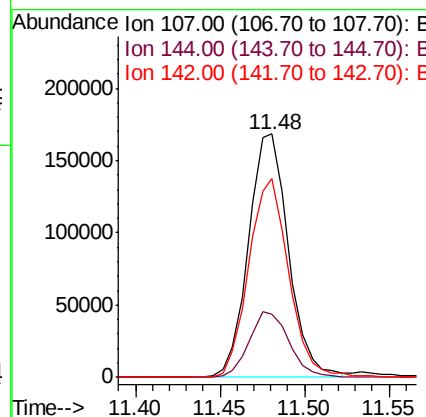
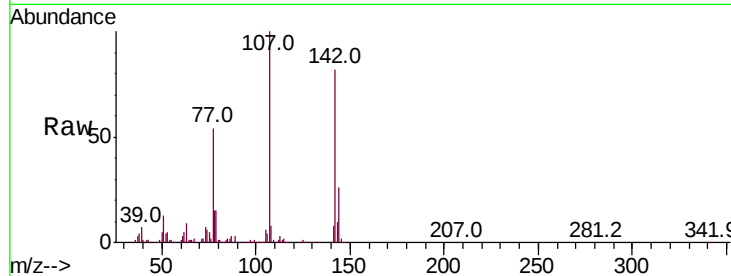




#33
 4-Chloro-3-methylphenol
 Concen: 26.247 ng/ul
 RT: 11.48 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BN011501.D
 Acq: 19 Aug 2020 01:05

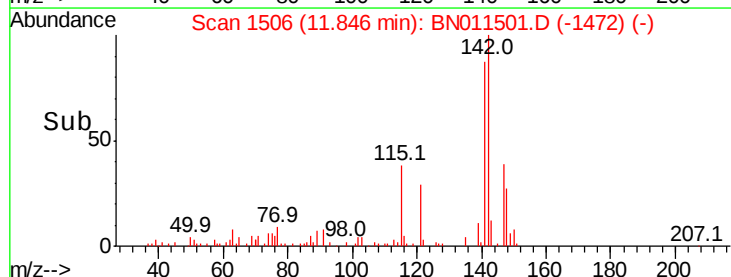
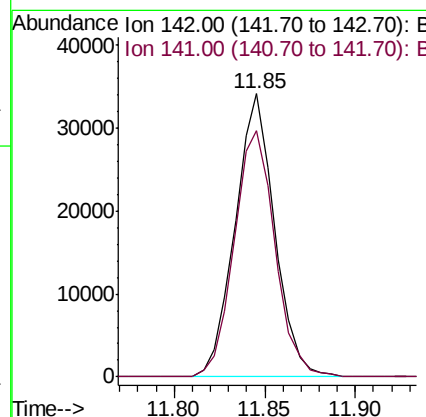
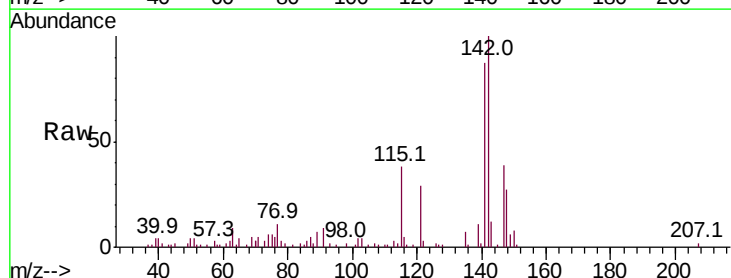
Instrument :
 BNA_N
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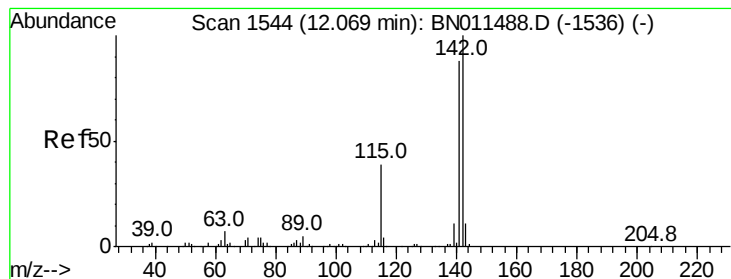
Tot Ion:107 Resp: 277975
 Ion Ratio Lower Upper
 107 100
 144 25.8 22.2 33.4
 142 81.7 63.4 95.2



#34
 2-Methylnaphthalene
 Concen: 2.023 ng/ul
 RT: 11.85 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BN011501.D
 Acq: 19 Aug 2020 01:05

Tgt Ion:142 Resp: 51607
 Ion Ratio Lower Upper
 142 100
 141 86.8 73.2 109.8





#35

1-Methylnaphthalene

Concen: 31.867 ng/uL

RT: 12.07 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BN011501.D

Acq: 19 Aug 2020 01:05

Instrument :

BNA_N

ClientSampleId :

DBFT6MSD

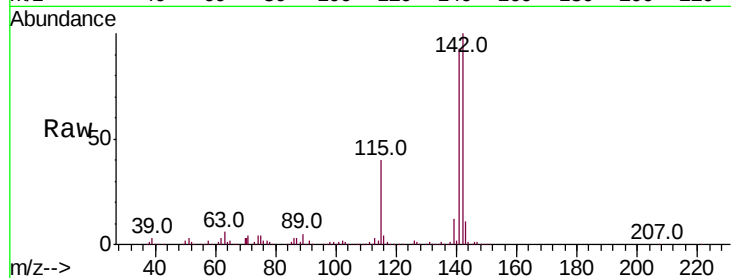
Tot Ion:142 Resp: 796750

Ion Ratio Lower Upper

142 100

141 92.0 75.0 112.4

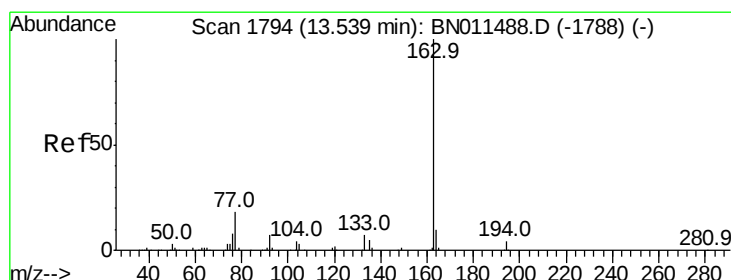
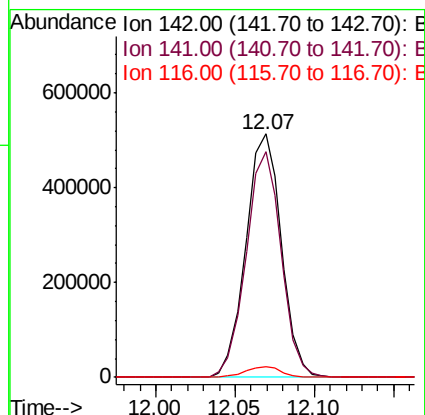
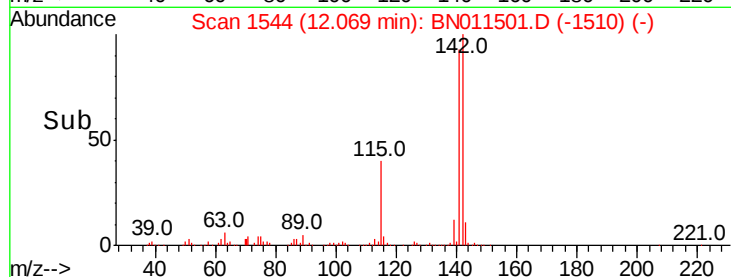
116 4.6 3.4 5.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#45

Dimethylphthalate

Concen: 5.489 ng/uL

RT: 13.54 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BN011501.D

Acq: 19 Aug 2020 01:05

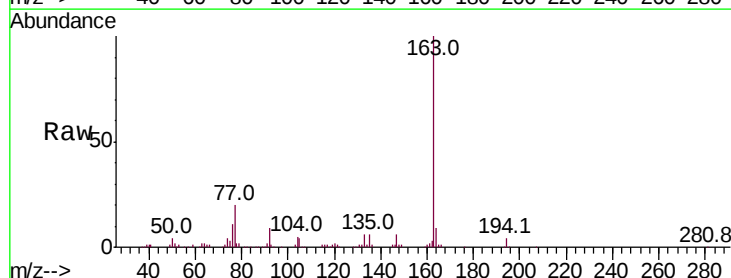
Tgt Ion:163 Resp: 186059

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

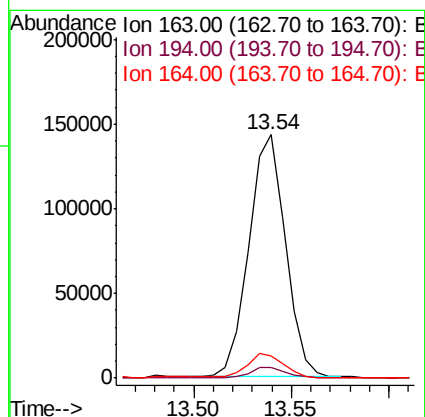
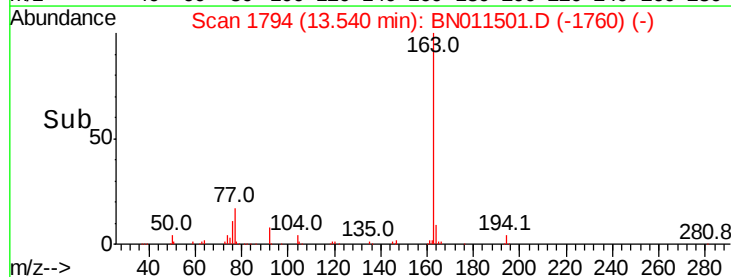
164 9.3 8.7 13.1

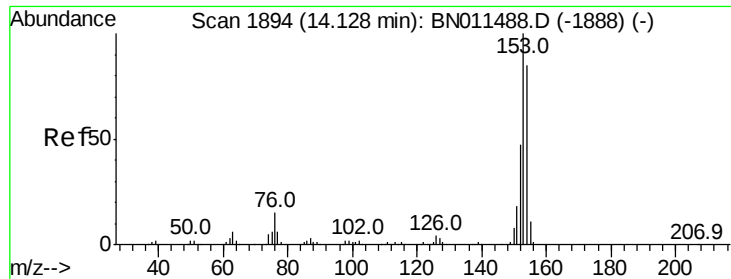


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 83.139 ng/ul

RT: 14.13 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BN011501.D

Acq: 19 Aug 2020 01:05

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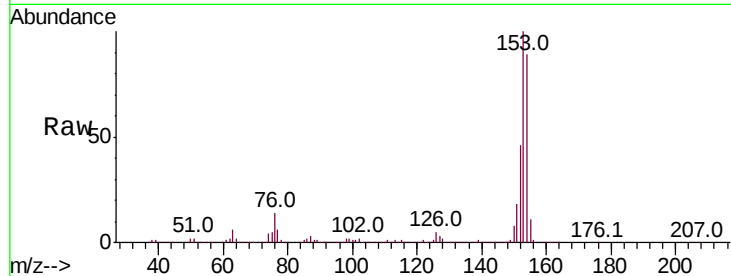
Tot Ion:153 Resp: 2395599

Ion Ratio Lower Upper

153 100

152 45.9 37.6 56.4

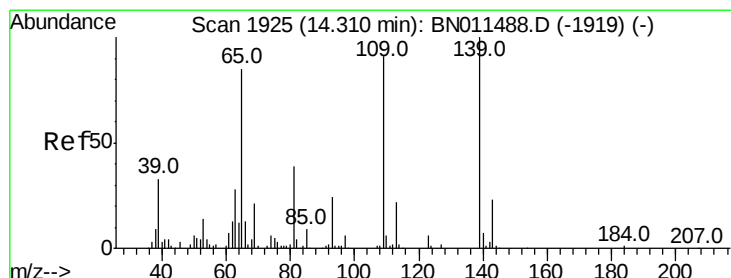
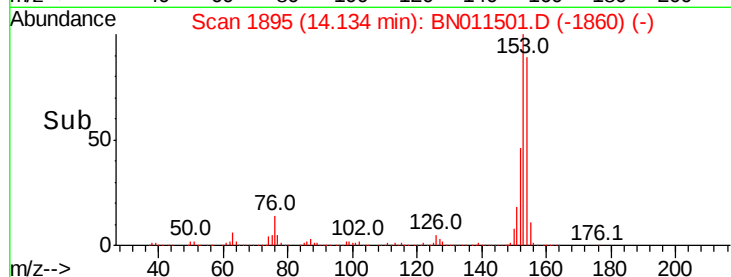
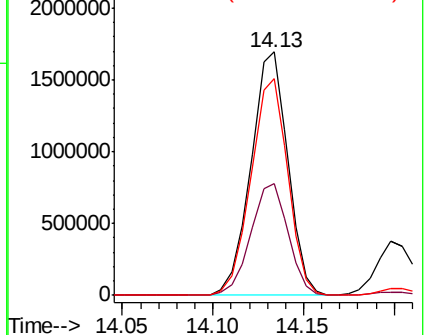
154 88.8 72.0 108.0



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



#53

4-Nitrophenol

Concen: 6.549 ng/ul

RT: 14.31 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BN011501.D

Acq: 19 Aug 2020 01:05

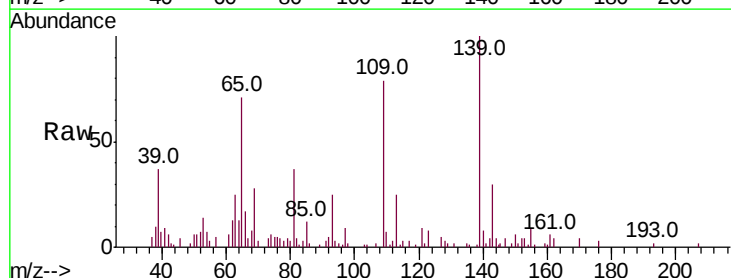
Tgt Ion:109 Resp: 34925

Ion Ratio Lower Upper

109 100

139 125.9 80.9 121.3#

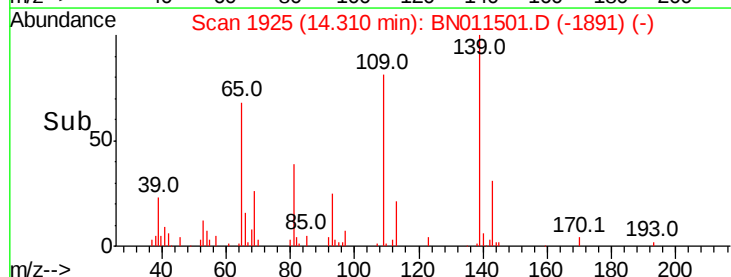
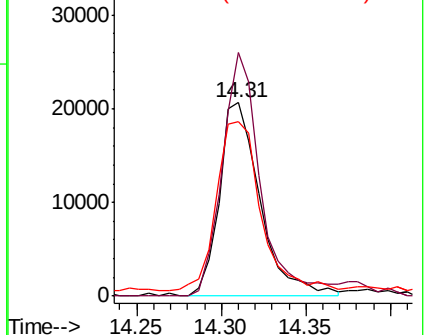
65 90.0 77.2 115.8

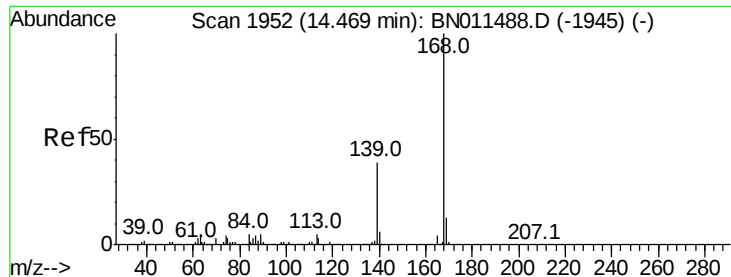


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO





#54

Dibenzofuran

Concen: 1.429 ng/ul

RT: 14.47 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BN011501.D

Acq: 19 Aug 2020 01:05

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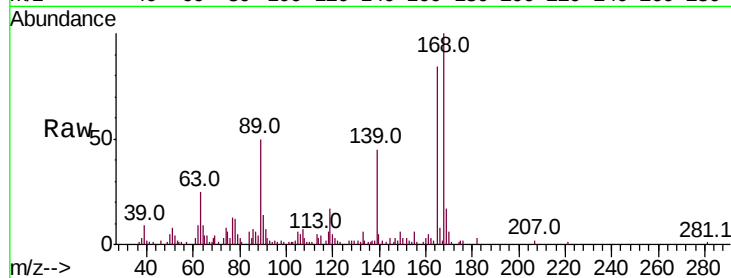
DBFT6MSD

Tot Ion:168 Resp: 59717

Ion Ratio Lower Upper

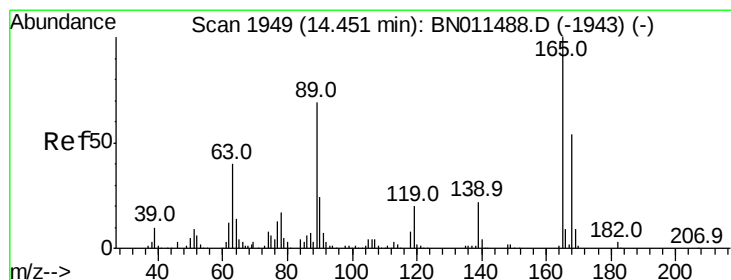
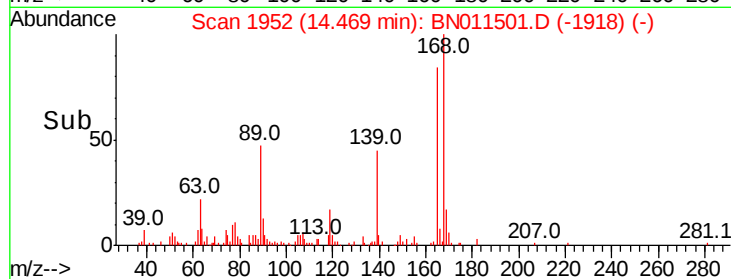
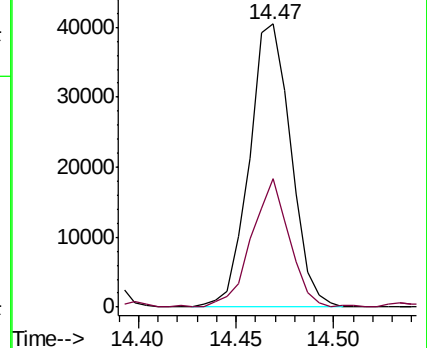
168 100

139 45.4 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: 32.313 ng/ul

RT: 14.45 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BN011501.D

Acq: 19 Aug 2020 01:05

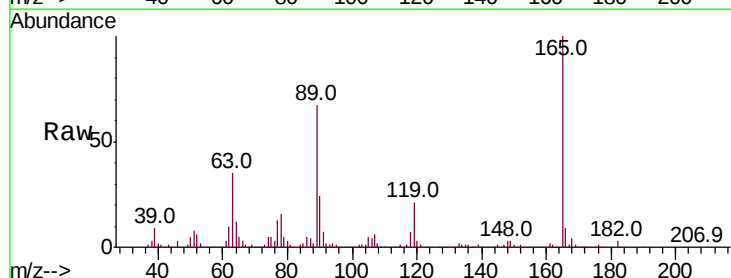
Tgt Ion:165 Resp: 308442

Ion Ratio Lower Upper

165 100

63 34.5 32.6 48.8

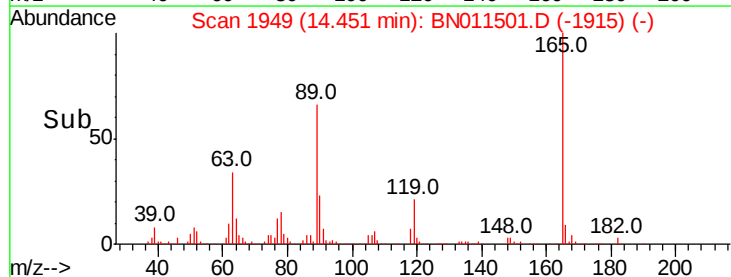
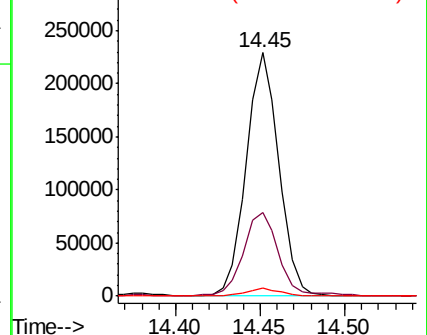
182 3.1 2.1 3.1

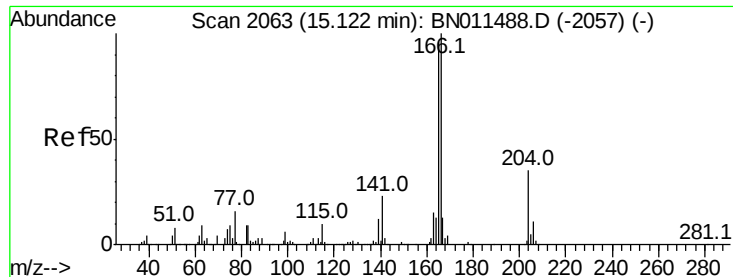


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 182.00 (181.70 to 182.70): E





#59

Fluorene

Concen: 23.501 ng/ul

RT: 15.12 min Scan# 2063

Delta R.T. 0.00 min

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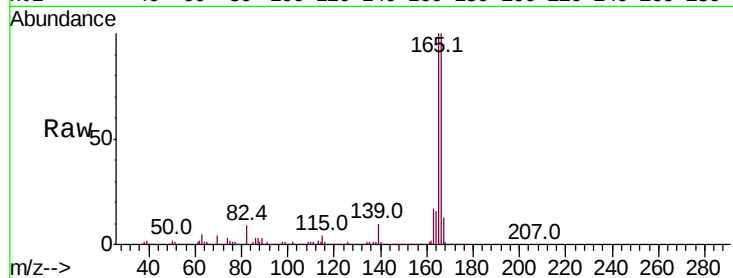
Tot Ion:166 Resp: 791522

Ion Ratio Lower Upper

166 100

165 100.3 78.0 117.0

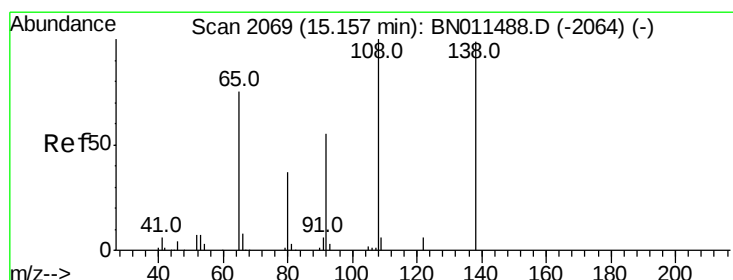
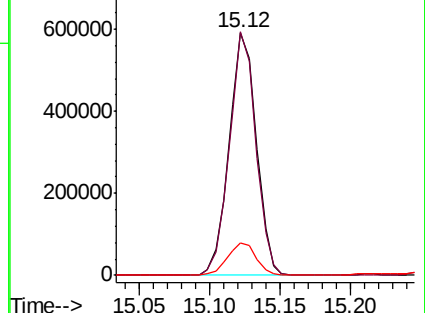
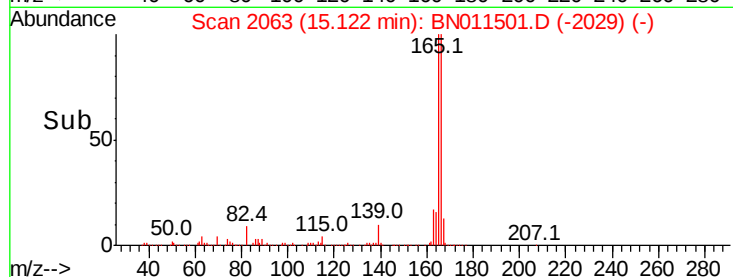
167 13.3 11.9 17.9



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: 1.410 ng/ul

RT: 15.12 min Scan# 2063

Delta R.T. -0.04 min

Lab File: BN011501.D

Acq: 19 Aug 2020 01:05

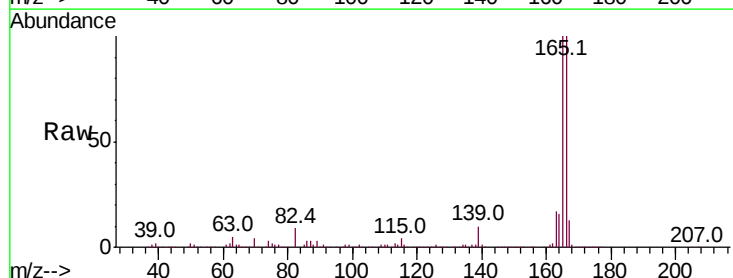
Tgt Ion:138 Resp: 8771

Ion Ratio Lower Upper

138 100

92 10.0 45.2 67.8#

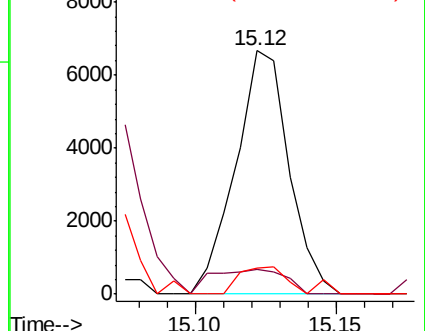
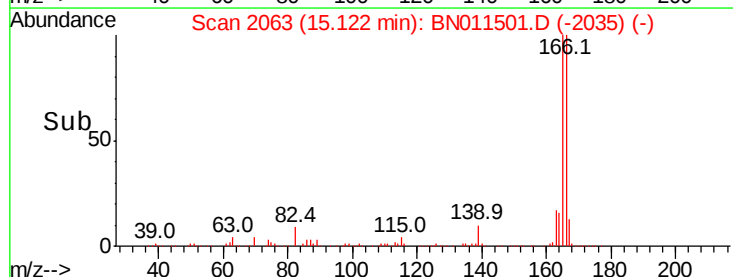
108 10.5 83.5 125.3#

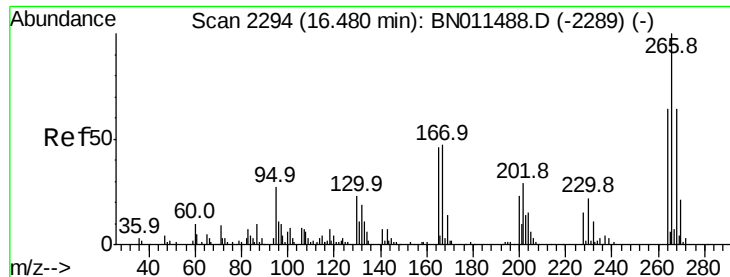


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E





#69

Pentachlorophenol

Concen: 36.397 ng/ul

RT: 16.48 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BN011501.D

Acq: 19 Aug 2020 01:05

Instrument :

BNA_N

ClientSampleId :

DBFT6MSD

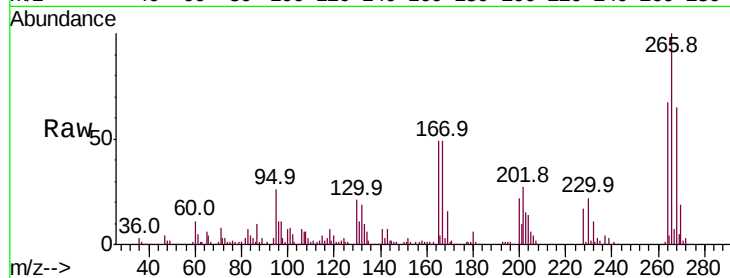
Tot Ion:266 Resp: 243807

Ion Ratio Lower Upper

266 100

264 66.8 67.9 101.9#

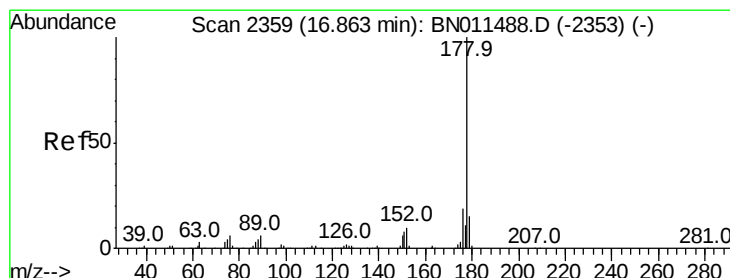
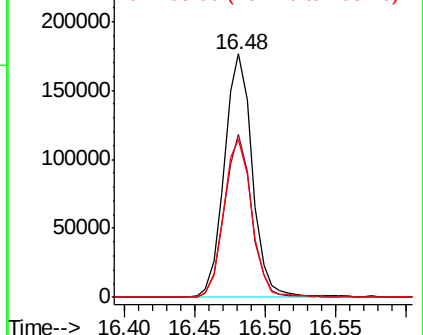
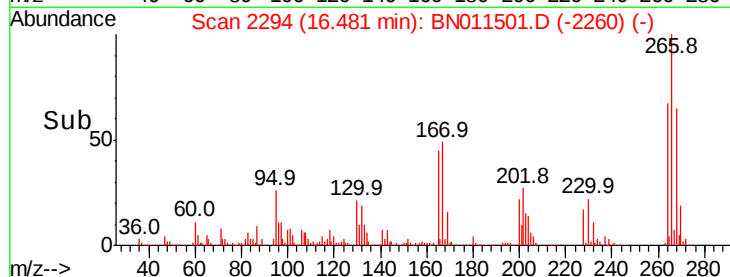
268 64.7 63.4 95.2



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



#70

Phenanthrene

Concen: 10.331 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. 0.00 min

Lab File: BN011501.D

Acq: 19 Aug 2020 01:05

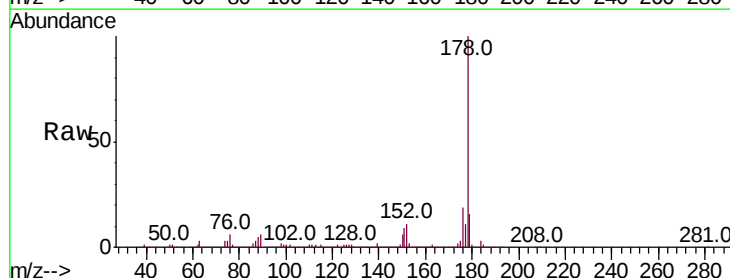
Tgt Ion:178 Resp: 565569

Ion Ratio Lower Upper

178 100

179 15.8 13.1 19.7

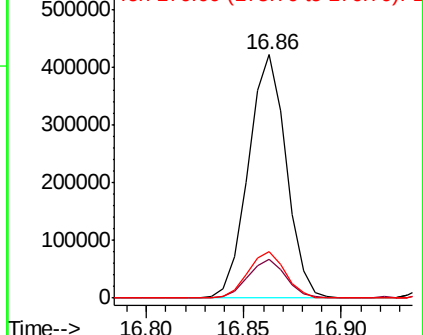
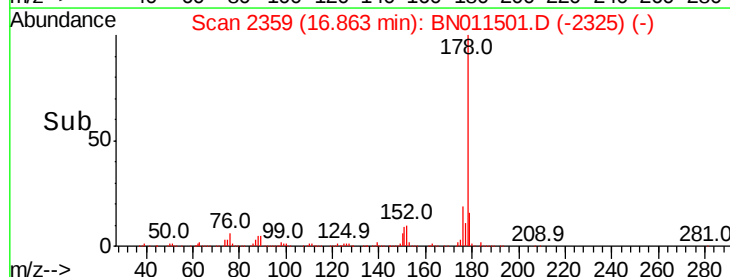
176 19.2 15.7 23.5

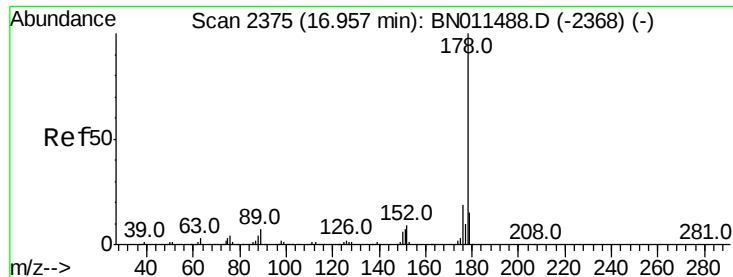


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.077 ng/ul

RT: 16.95 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BN011501.D

Acq: 19 Aug 2020 01:05

Instrument :

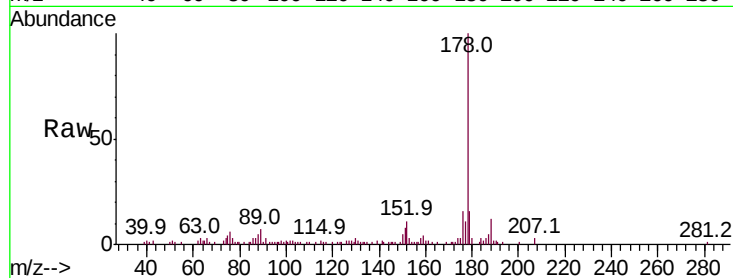
BNA_N

ClientSampleId :

DBFT6MSD

Tot Ion:178 Resp: 59738

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.0	19.4
176	16.4	14.6	21.8

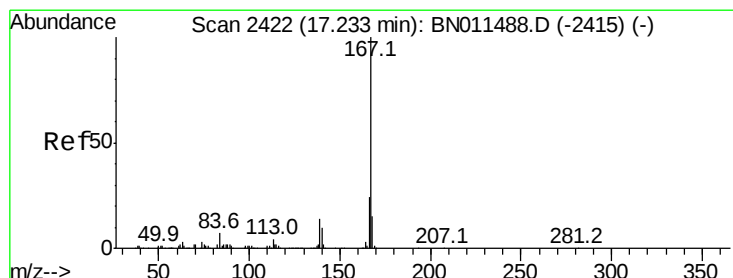
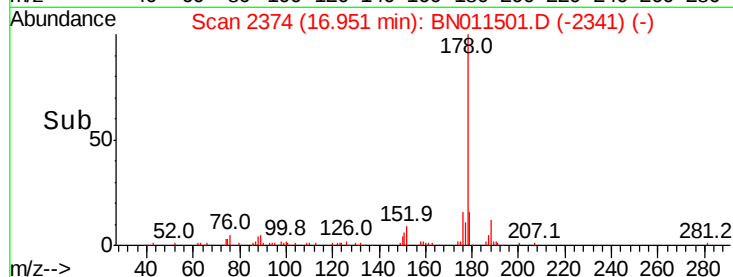
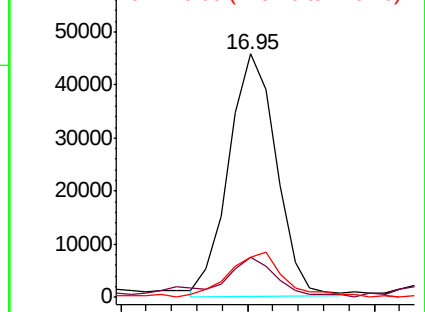


Abundance

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: 57.946 ng/ul

RT: 17.23 min Scan# 2422

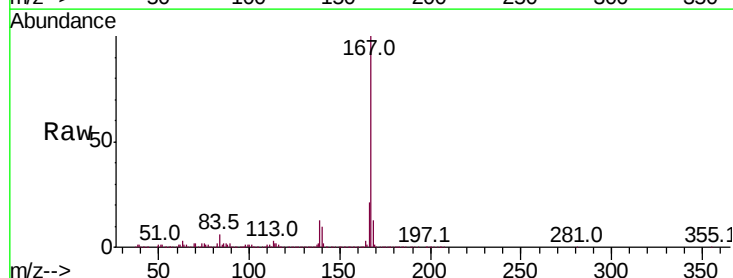
Delta R.T. 0.00 min

Lab File: BN011501.D

Acq: 19 Aug 2020 01:05

Tgt Ion:167 Resp: 2702060

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	13.4	10.2	15.2

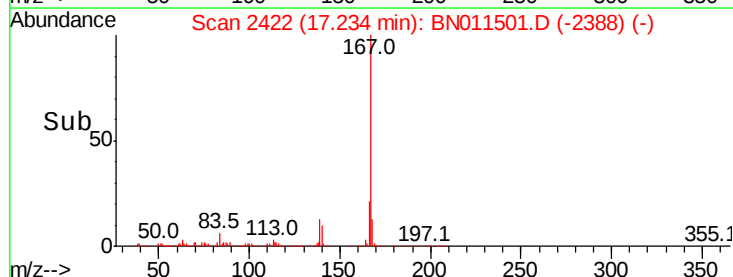
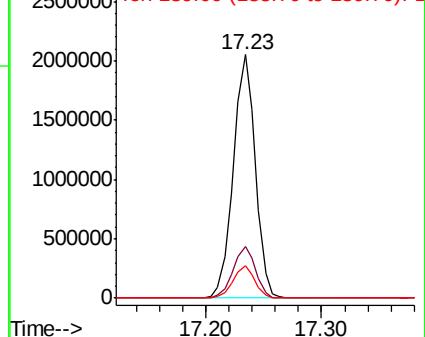


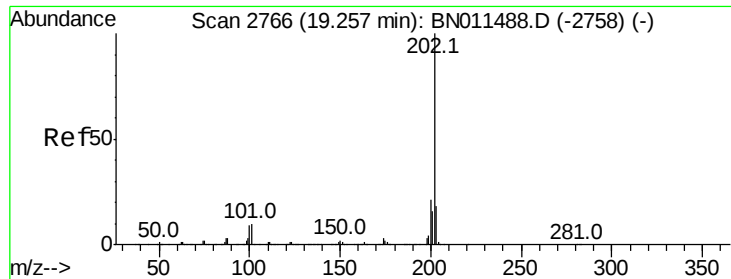
Abundance

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

Pvrene

Concen: 28.312 ng/ul

RT: 19.26 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BN011501.D

Acq: 19 Aug 2020 01:05

Instrument :

BNA_N

ClientSampleId :

DBFT6MSD

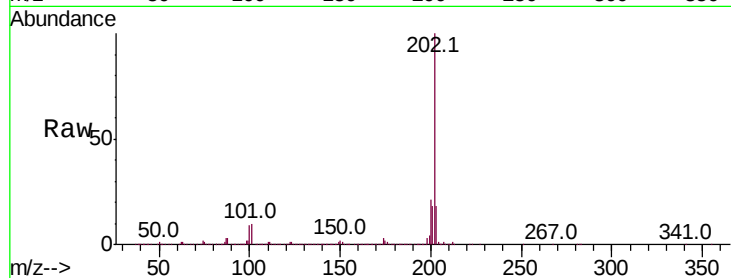
Tot Ion:202 Resp: 2083867

Ion Ratio Lower Upper

202 100

101 10.1 7.8 11.8

100 8.8 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

