

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: Sep 01 01:01:34 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

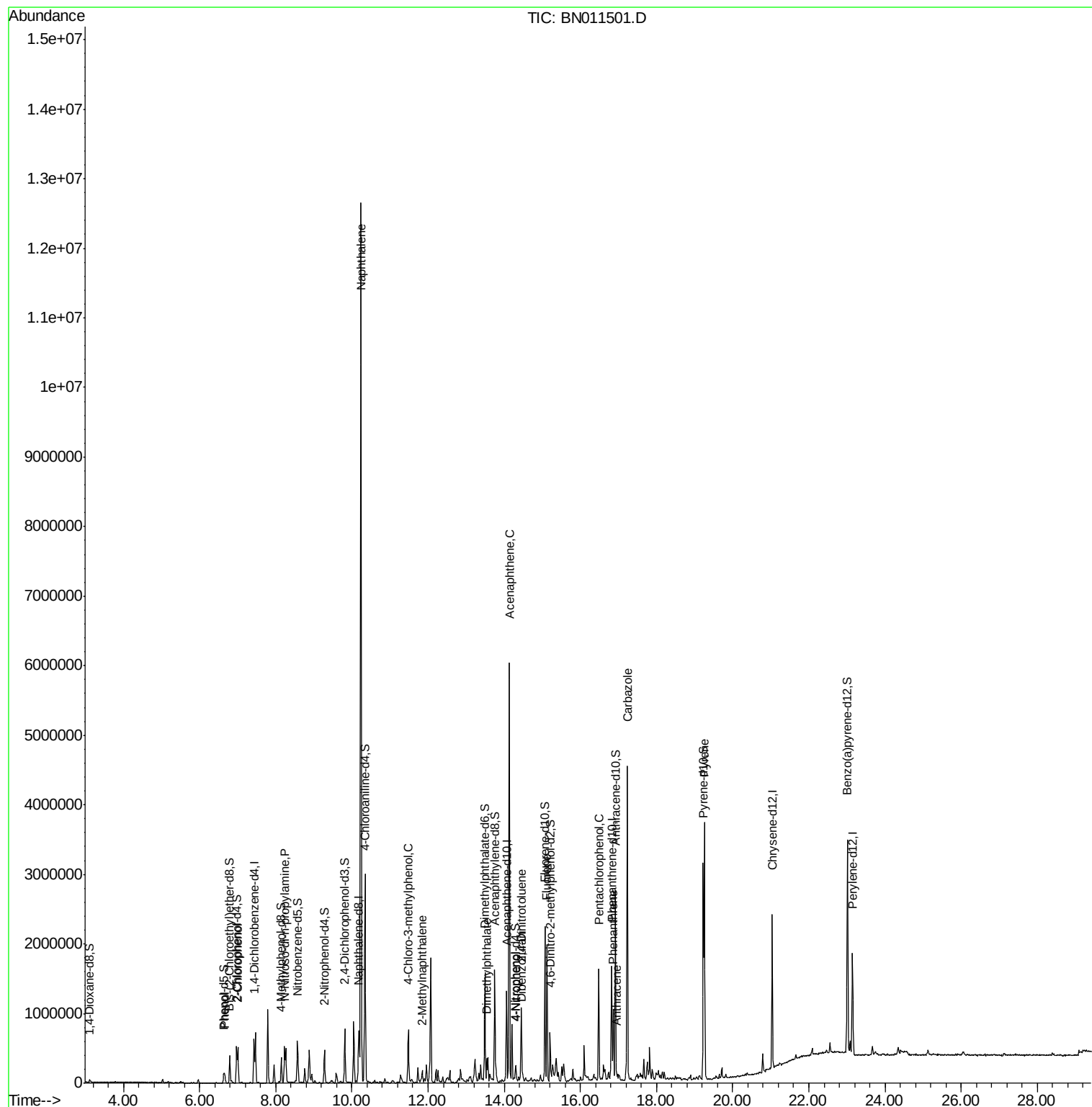
					Ovalue
6) Phenol	6.66	94	77345	6.211	ng/ul 96
10) 2-Chlorophenol	7.00	128	229635	20.327	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.23	70	216784	31.203	ng/ul 99
28) Naphthalene	10.23	128	10586581	284.515	ng/ul 98
33) 4-Chloro-3-methylphenol	11.48	107	277975	26.247	ng/ul 97
34) 2-Methylnaphthalene	11.85	142	51607	2.023	ng/ul 95
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
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

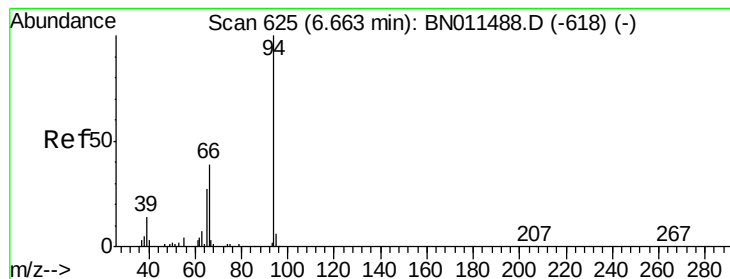
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#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

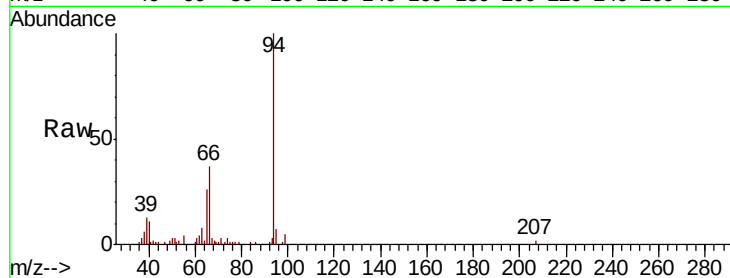
Tot Ion: 94 Resp: 77345

Ion Ratio Lower Upper

94 100

65 26.1 22.1 33.1

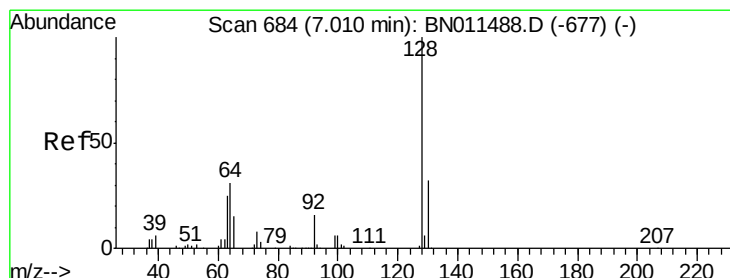
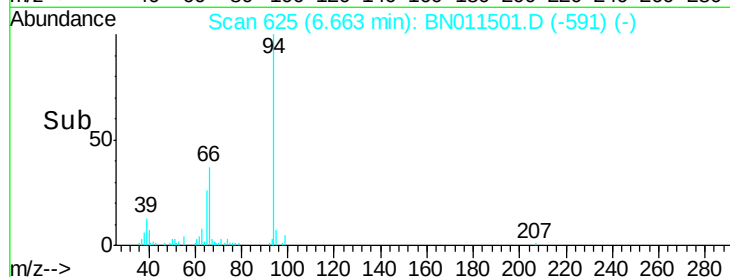
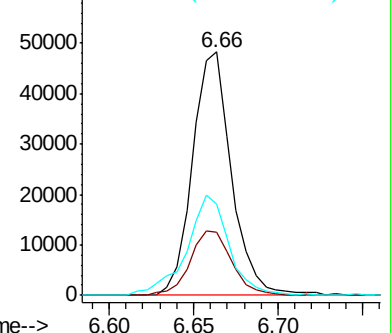
66 37.2 32.1 48.1



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: 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

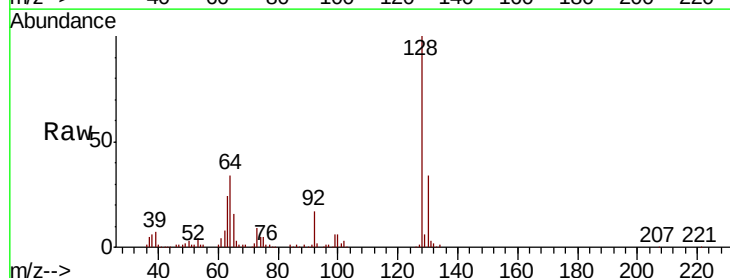
Tgt Ion: 128 Resp: 229635

Ion Ratio Lower Upper

128 100

64 34.3 25.4 38.0

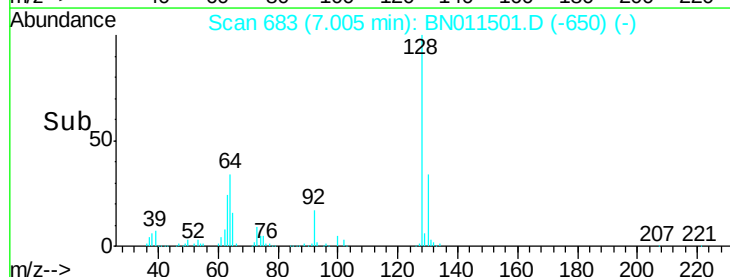
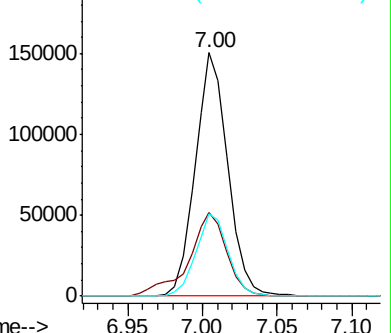
130 33.7 26.3 39.5

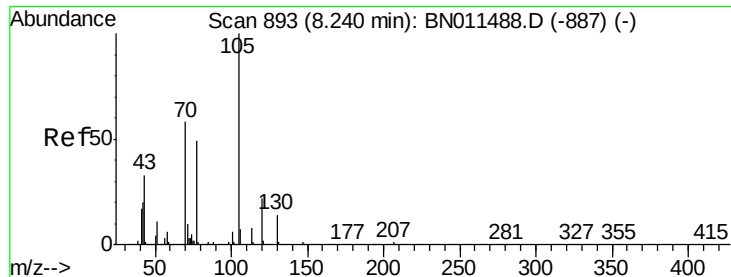


Abundance Ion 128.00 (127.70 to 128.70): BN011488.D (-677) (-)

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

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

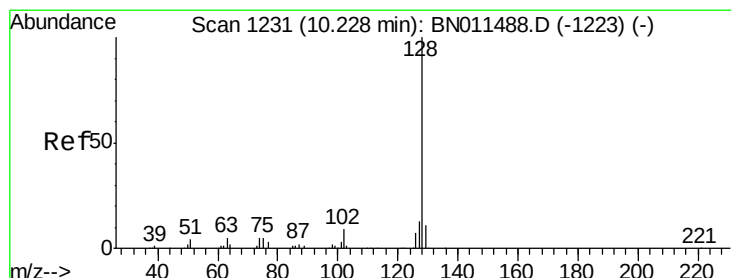
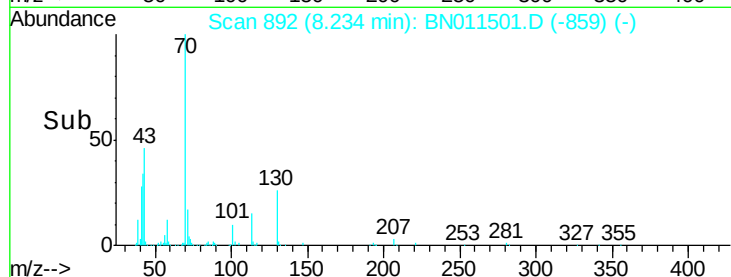
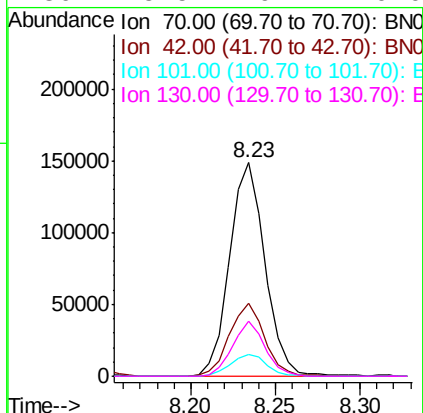
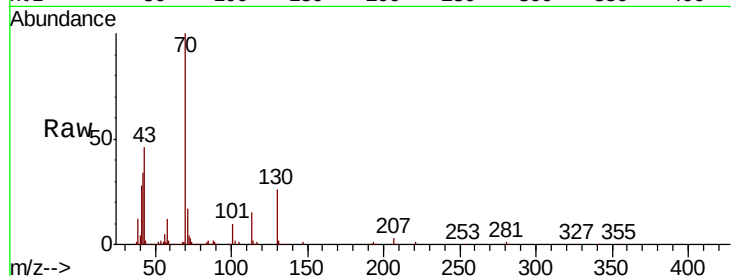




#15
N-Nitroso-di-n-propylamine
Concen: 31.203 ng/ul
RT: 8.23 min Scan# 892
Delta R.T. -0.01 min
Lab File: BN011501.D
Acq: 19 Aug 2020 01:05

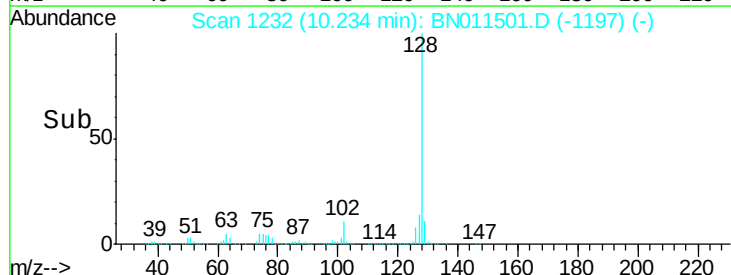
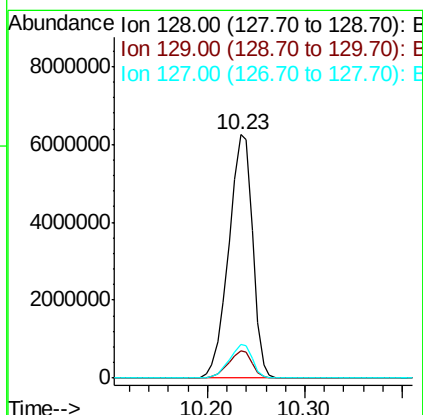
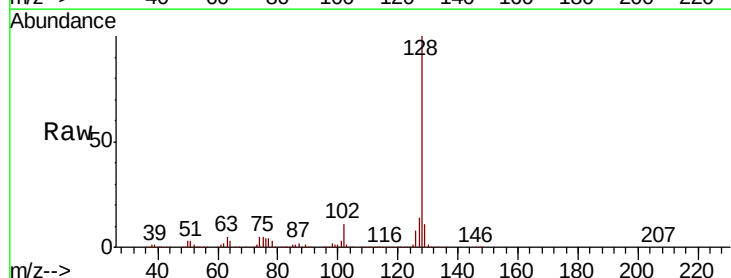
Instrument :
BNA_N
ClientSampleId :
DBFT6MSD

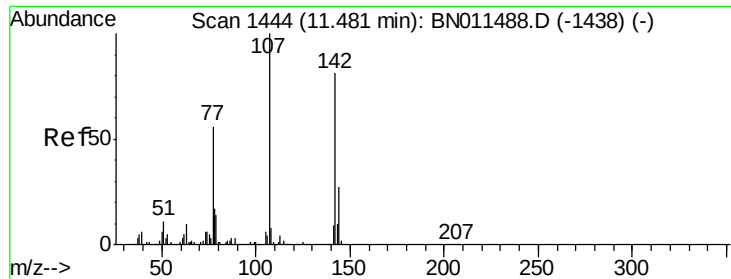
Tot Ion: 70 Resp: 216784
Ion Ratio Lower Upper
70 100
42 34.0 27.2 40.8
101 10.2 8.3 12.5
130 25.5 19.4 29.0



#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

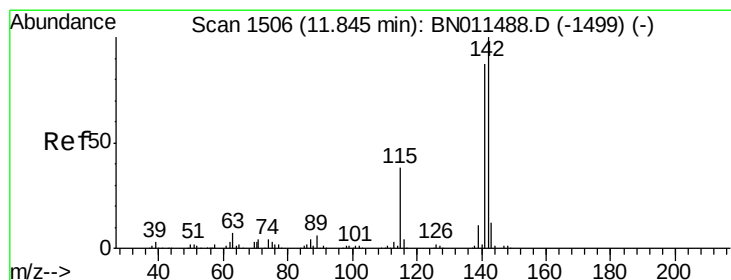
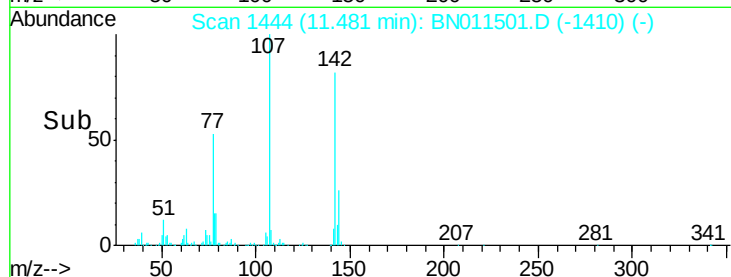
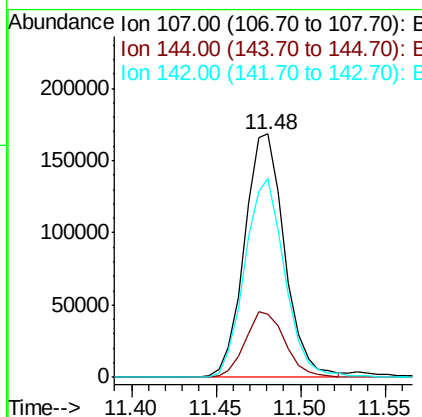
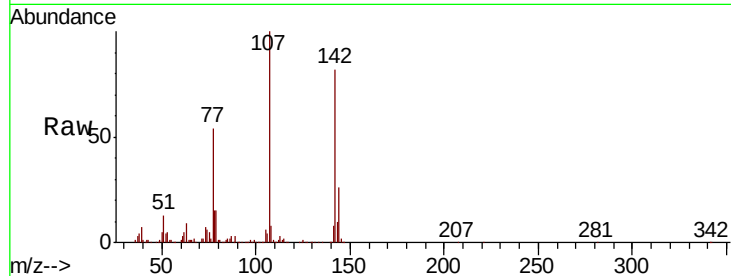




#33
 4-Chloro-3-methylphenol
 Concen: 26.247 ng/ul
 RT: 11.48 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BN011501.D
 Acq: 19 Aug 2020 01:05

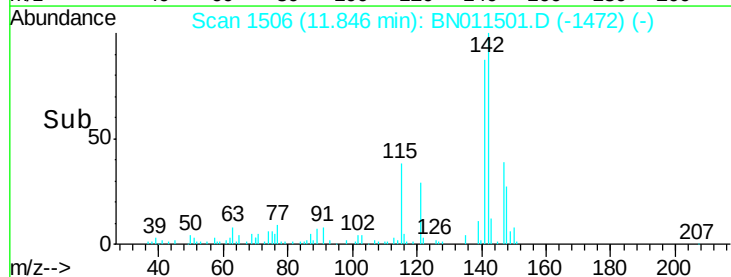
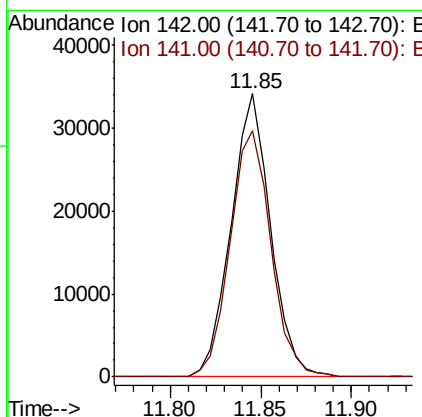
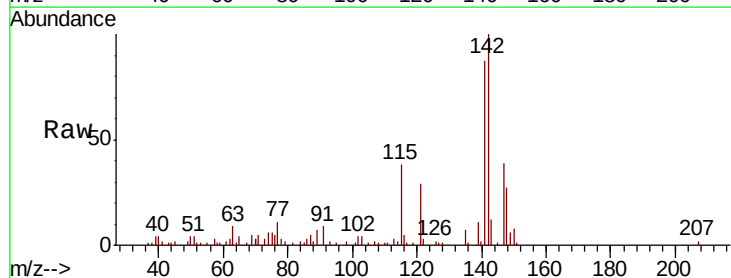
Instrument :
 BNA_N
 ClientSampleId :
 DBFT6MSD

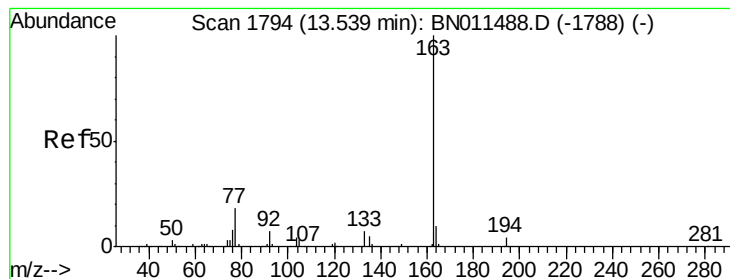
Tot Ion:107 Resp: 277975
 Ion Ratio Lower Upper
 107 100
 144 25.8 22.2 33.4
 142 81.7 63.4 95.2



#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





#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

Instrument :

BNA_N

ClientSampleId :

DBFT6MSD

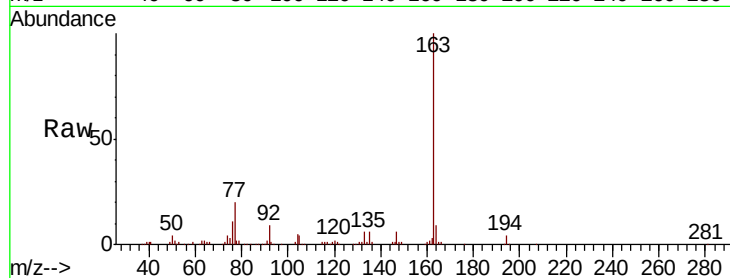
Tot Ion:163 Resp: 186059

Ion Ratio Lower Upper

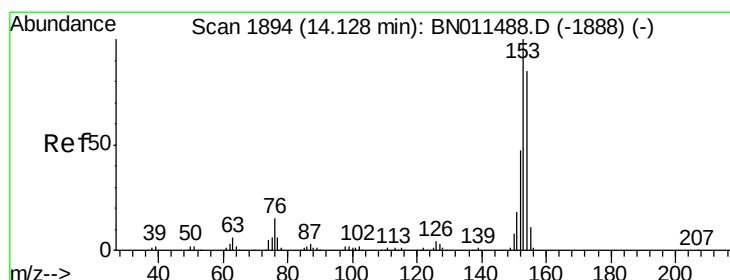
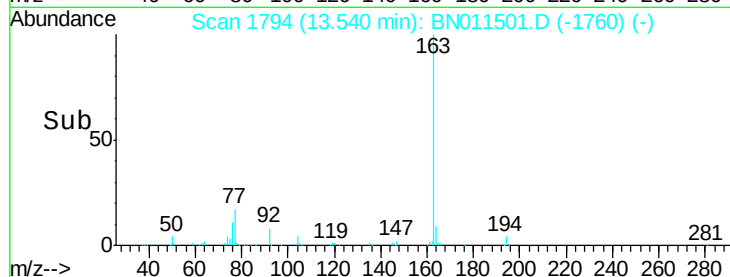
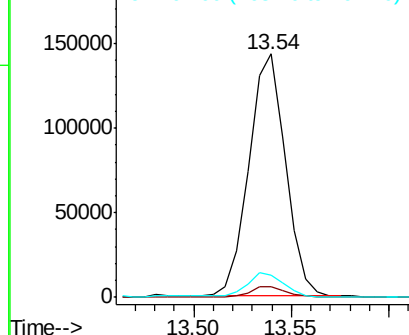
163 100

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

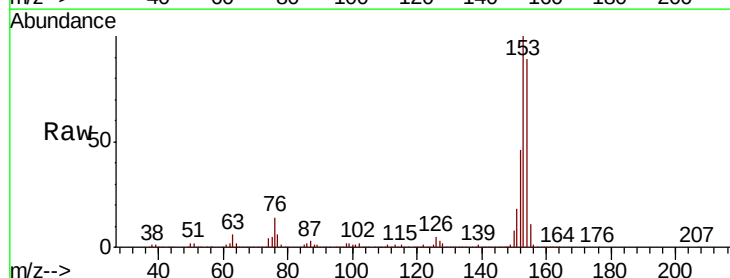
Tgt Ion:153 Resp: 2395599

Ion Ratio Lower Upper

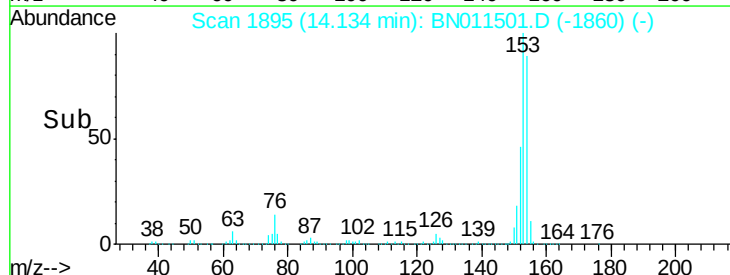
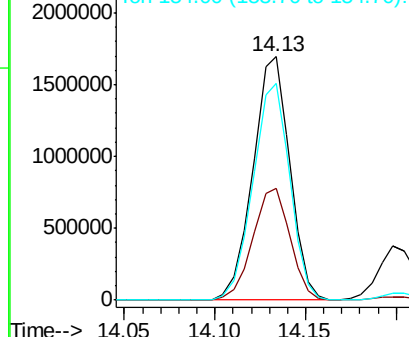
153 100

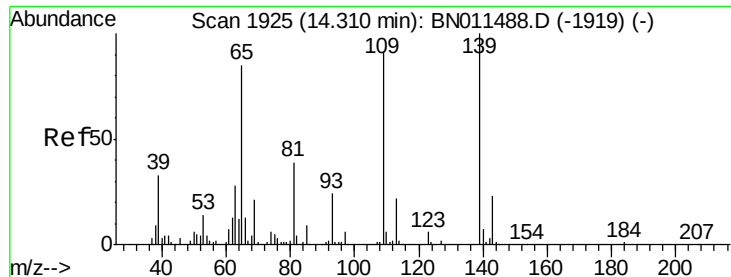
152 45.9 37.6 56.4

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

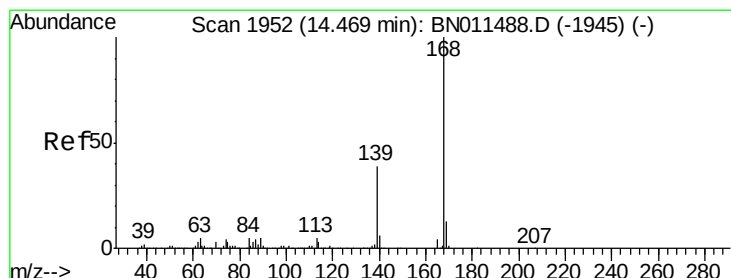
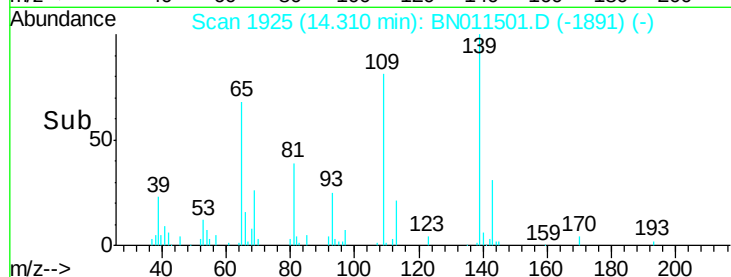
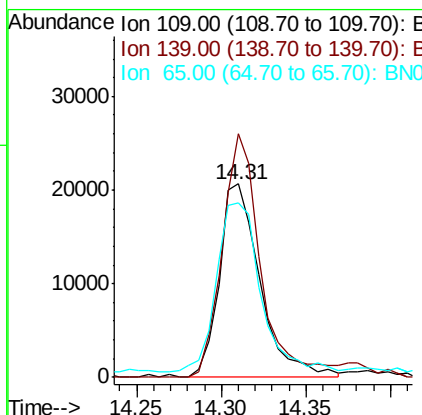
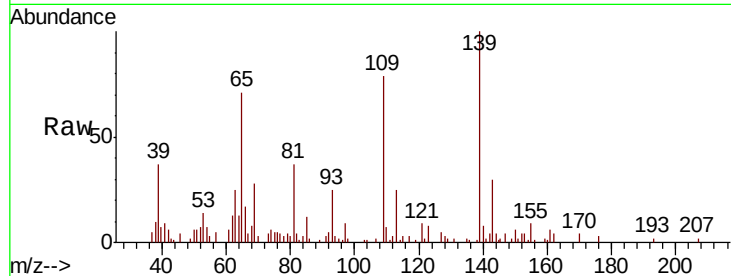




#53
4-Nitrophenol
Concen: 6.549 ng/ul
RT: 14.31 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BN011501.D
Acq: 19 Aug 2020 01:05

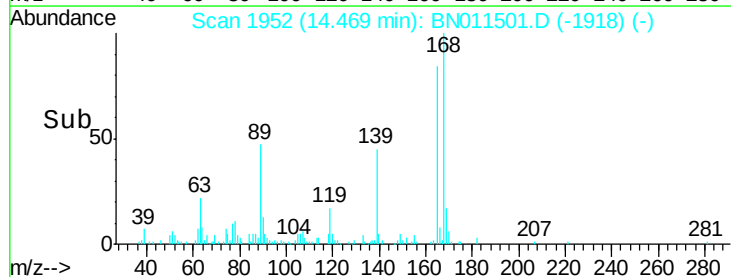
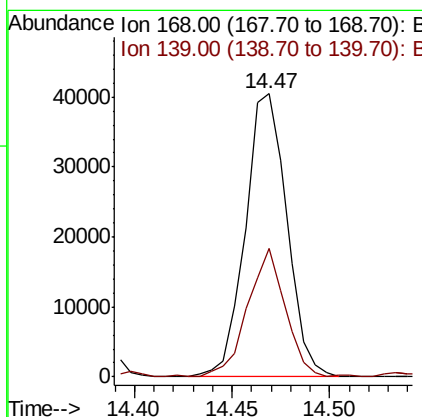
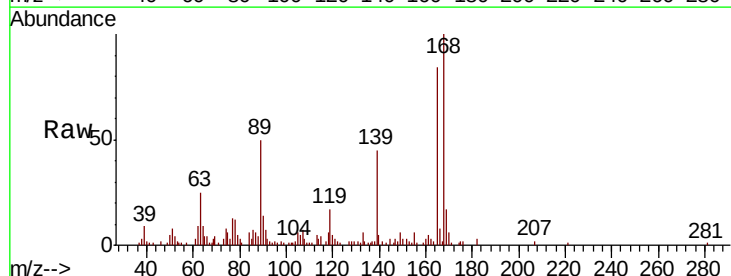
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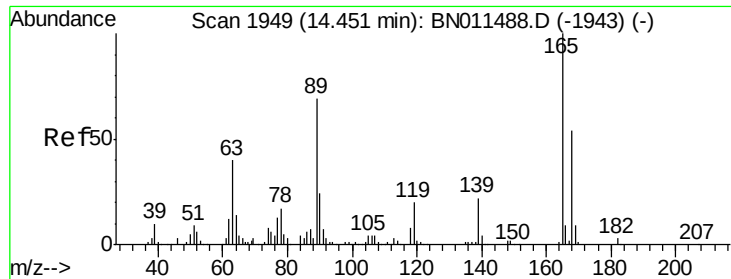
Tot Ion:109 Resp: 34925
Ion Ratio Lower Upper
109 100
139 125.9 80.9 121.3#
65 90.0 77.2 115.8



#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

Tgt Ion:168 Resp: 59717
Ion Ratio Lower Upper
168 100
139 45.4 31.1 46.7

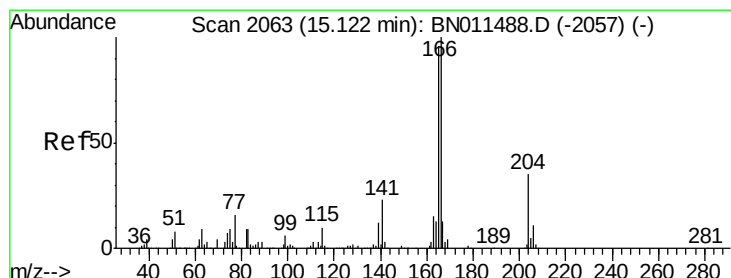
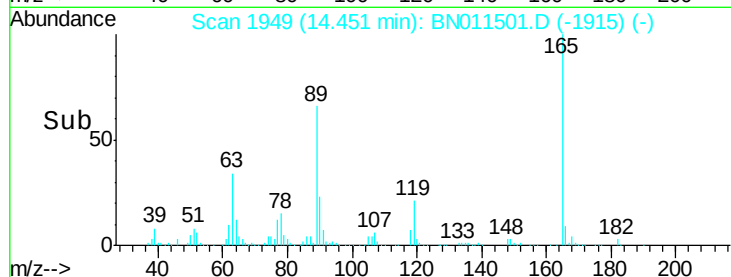
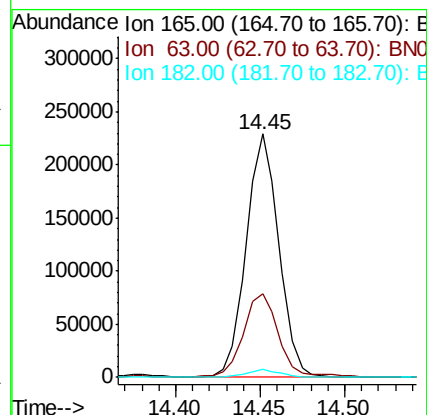
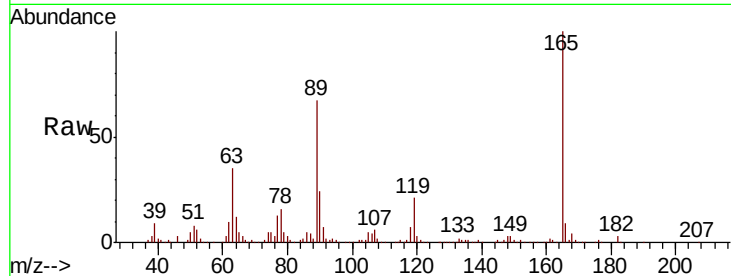




#55
 2,4-Dinitrotoluene
 Concen: 32.313 ng/ul
 RT: 14.45 min Scan# 1949
 Delta R.T. 0.00 min
 Lab File: BN011501.D
 Acq: 19 Aug 2020 01:05

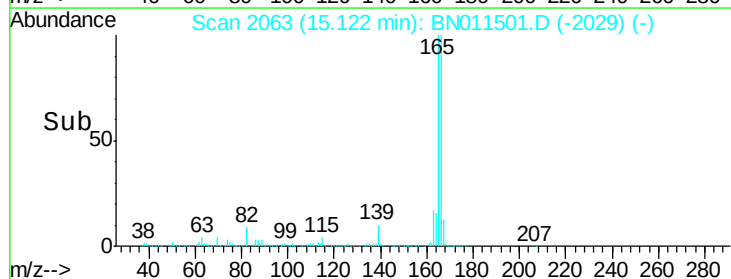
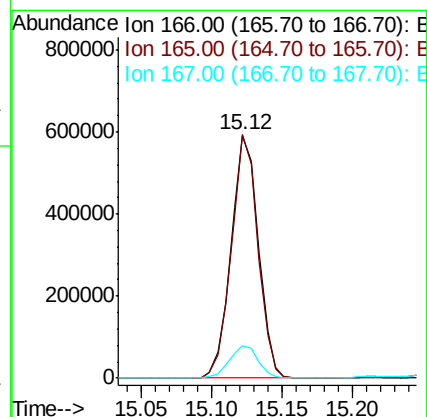
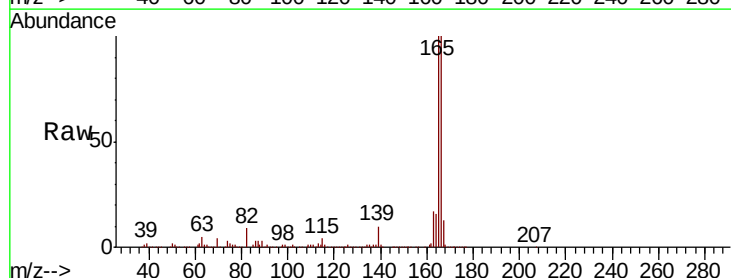
Instrument :
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 ClientSampleId :
 DBFT6MSD

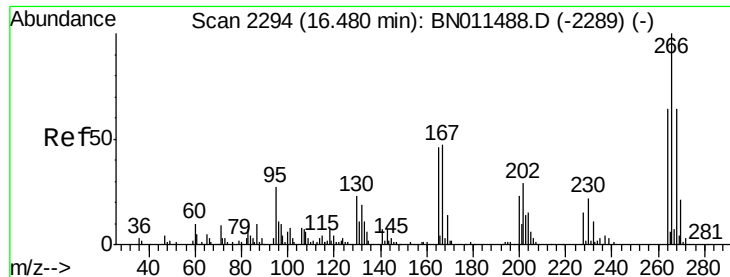
Tot Ion	Ratio	Lower	Upper
165	100		
63	34.5	32.6	48.8
182	3.1	2.1	3.1



#59
 Fluorene
 Concen: 23.501 ng/ul
 RT: 15.12 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: BN011501.D
 Acq: 19 Aug 2020 01:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.0	117.0
167	13.3	11.9	17.9

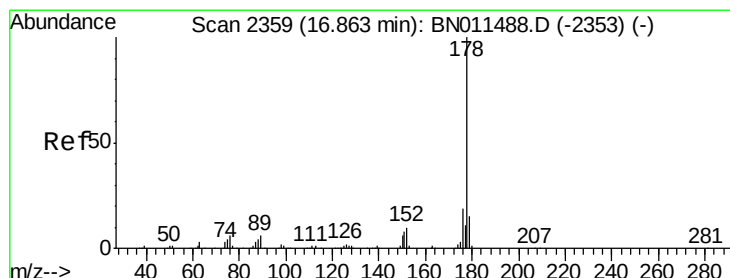
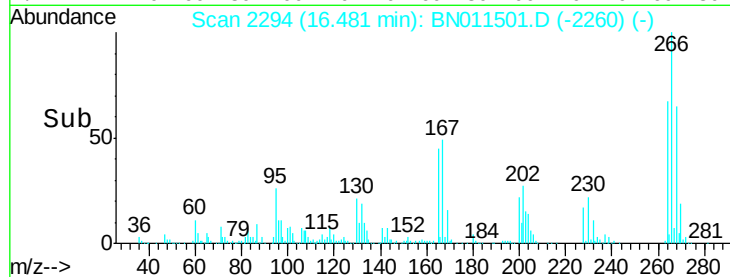
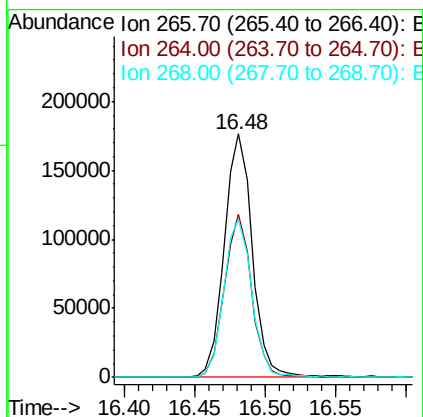
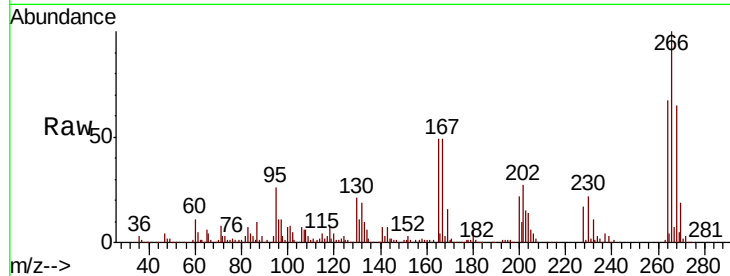




#69
 Pentachlorophenol
 Concen: 36.397 ng/ul
 RT: 16.48 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: BN011501.D
 Acq: 19 Aug 2020 01:05

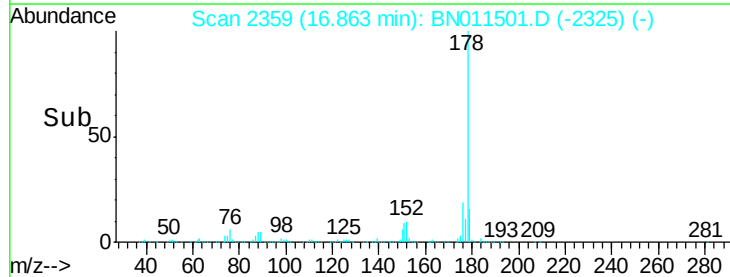
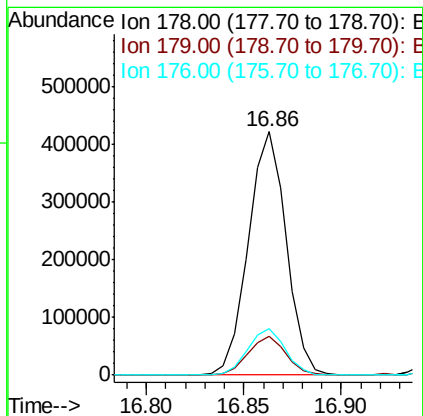
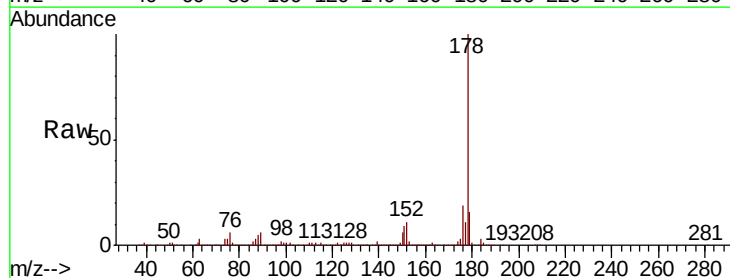
Instrument :
 BNA_N
 ClientSampleId :
 DBFT6MSD

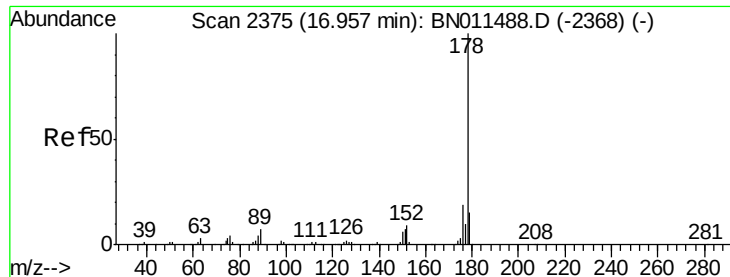
Tot Ion	Ratio	Lower	Upper
266	100		
264	66.8	67.9	101.9#
268	64.7	63.4	95.2



#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	Ratio	Lower	Upper
178	100		
179	15.8	13.1	19.7
176	19.2	15.7	23.5





#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

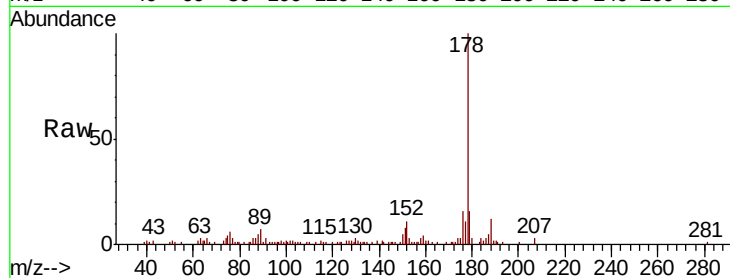
Tot Ion:178 Resp: 59738

Ion Ratio Lower Upper

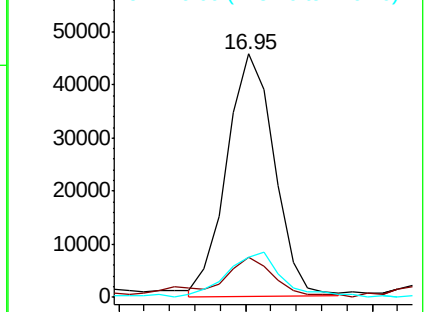
178 100

179 16.4 13.0 19.4

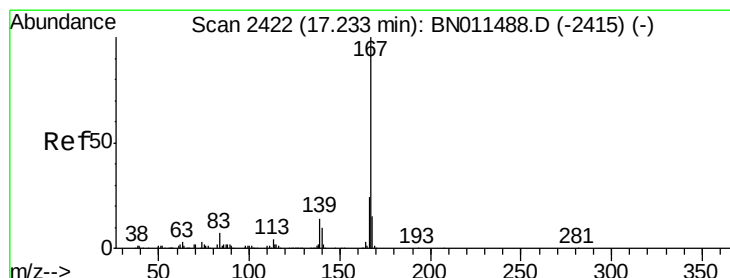
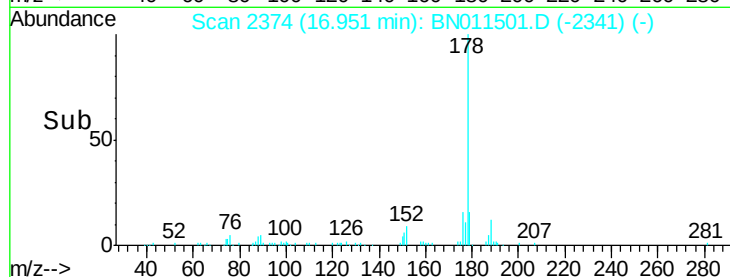
176 16.4 14.6 21.8



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



Time--> 16.90 16.95 17.00



#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

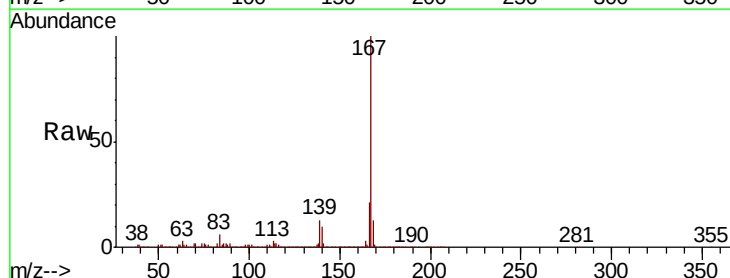
Tgt Ion:167 Resp: 2702060

Ion Ratio Lower Upper

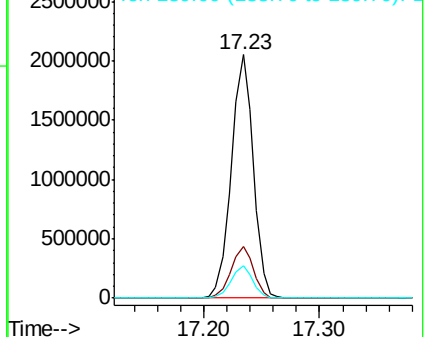
167 100

166 21.1 17.2 25.8

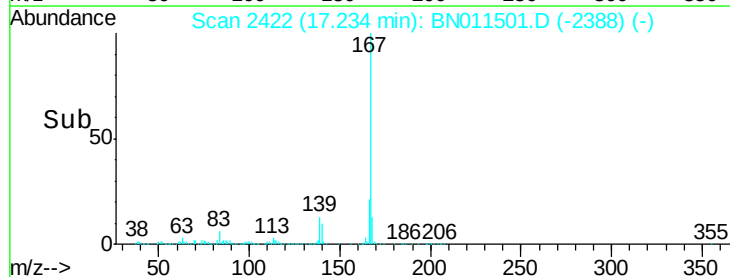
139 13.4 10.2 15.2

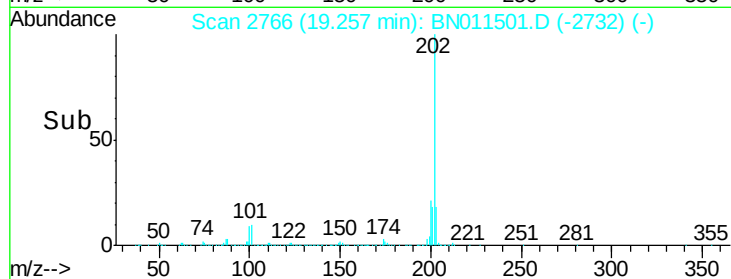
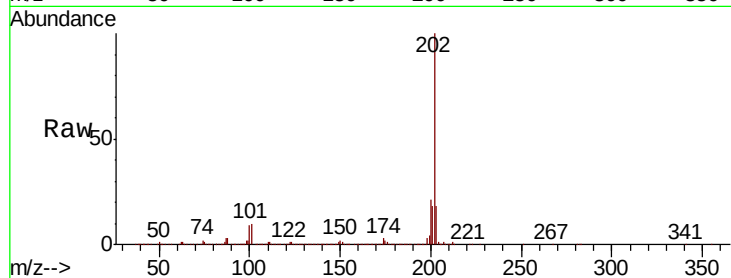
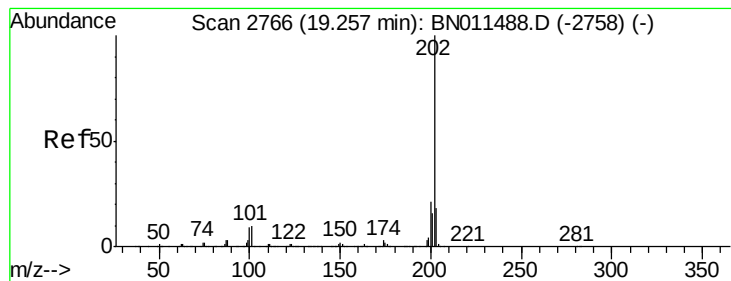


Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time--> 17.20 17.30





#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

