

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011471.D
 Acq On : 18 Aug 2020 04:14
 Operator : CG/JU
 Sample : L3611-25MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFM8MSD

Quant Time: Aug 18 06:54:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 06:41:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	200972	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	707555	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	441915	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	922916	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	952045	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	942043	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	12324	2.94	ng/uL	0.00
5) Phenol-d5	6.63	99	251248	17.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	140103	19.34	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	226995	17.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	188803	16.36	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	92392	16.85	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.28	143	96836	15.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	187115	16.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	239288	17.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	628305	18.26	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	723439	17.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	82308	14.12	ng/ul	0.00
58) Fluorene-d10	15.07	176	554356	18.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	75171	12.28	ng/ul	0.00
71) Anthracene-d10	16.92	188	830435	18.84	ng/ul	0.00
79) Pyrene-d10	19.23	212	994946	20.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	1064624	20.35	ng/ul	0.00

Target Compounds

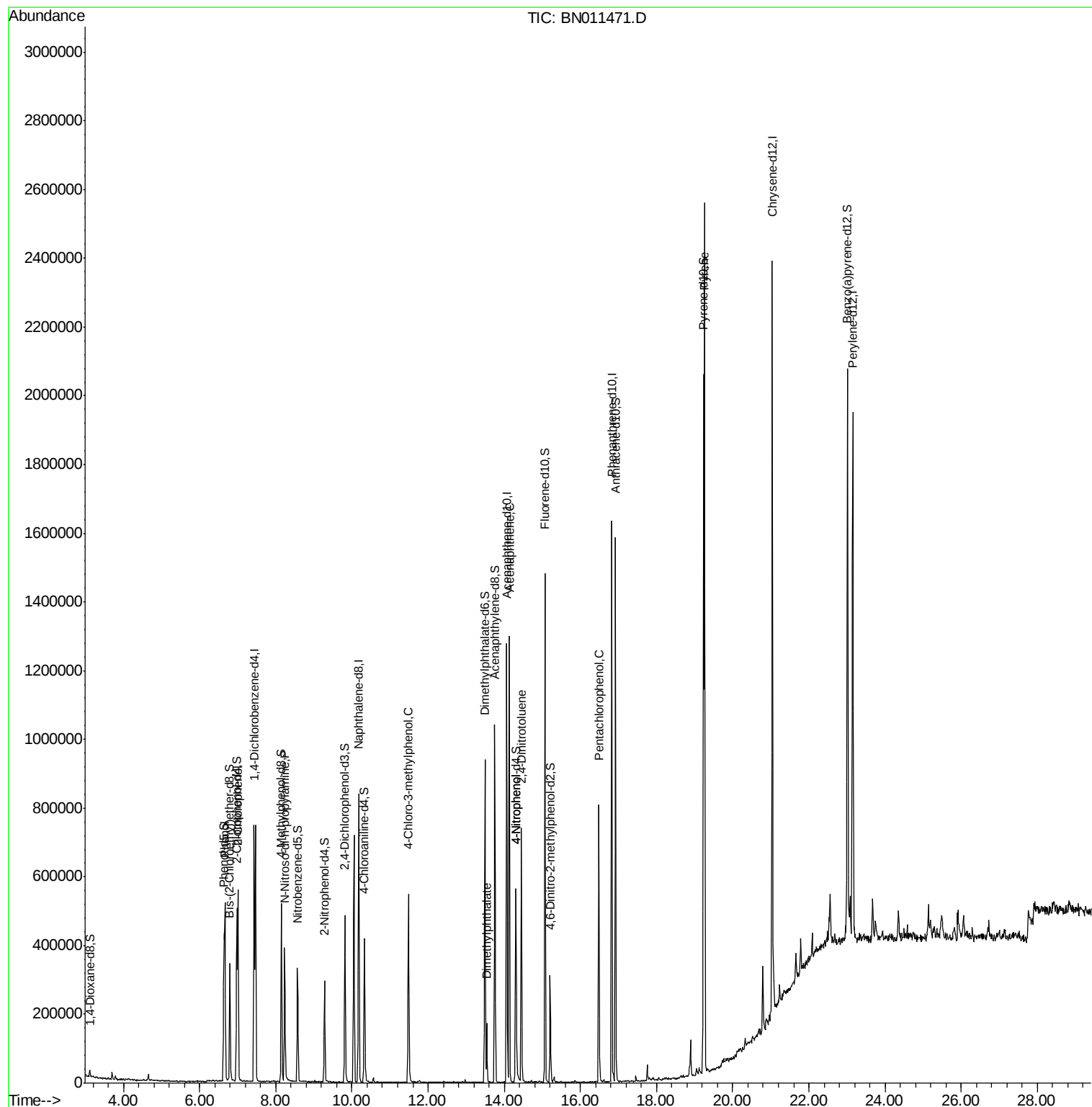
					Ovalue
6) Phenol	6.66	94	302780	20.897	ng/ul 99
10) 2-Chlorophenol	7.01	128	254902	19.393	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.23	70	169598	20.981	ng/ul 98
33) 4-Chloro-3-methylphenol	11.48	107	205392	18.275	ng/ul 93
45) Dimethylphthalate	13.54	163	105061	2.975	ng/ul 97
50) Acenaphthene	14.13	153	538566	17.938	ng/ul 98
53) 4-Nitrophenol	14.31	109	105135	18.920	ng/ul 92
55) 2,4-Dinitrotoluene	14.45	165	233390	23.465	ng/ul# 91
69) Pentachlorophenol	16.49	266	129885	19.391	ng/ul# 79
80) Pyrene	19.26	202	1466506	21.890	ng/ul 99

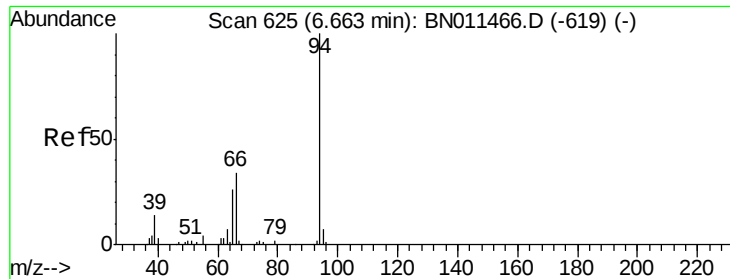
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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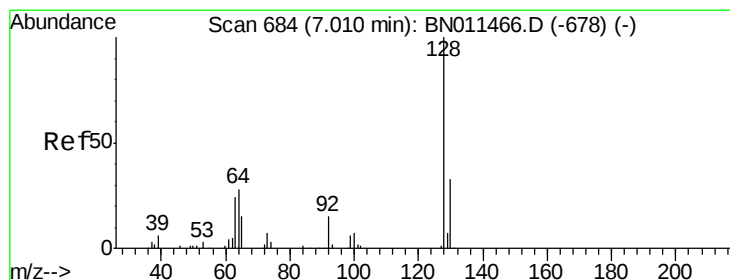
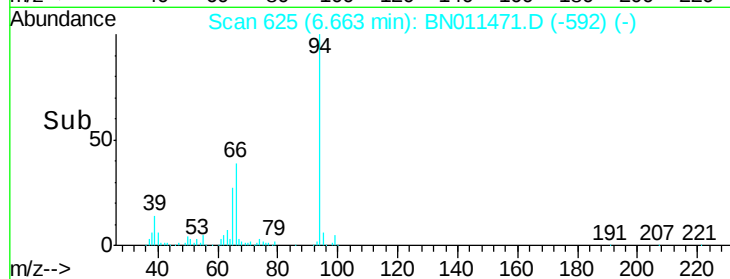
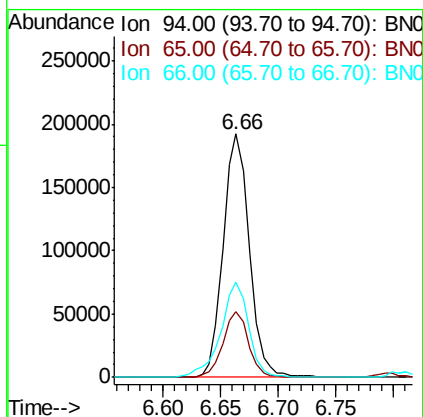
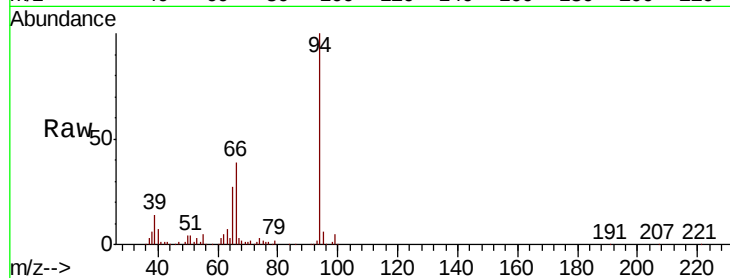
#6

Phenol

Concen: 20.897 ng/ul
 RT: 6.66 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BN011471.D
 Acq: 18 Aug 2020 04:14

Instrument :
 BNA_N
 ClientSampleId :
 DBFM8MSD

Tot Ion	94	Resp	302780
Ion Ratio	100	Lower	Upper
65	27.2	22.1	33.1
66	38.9	32.1	48.1

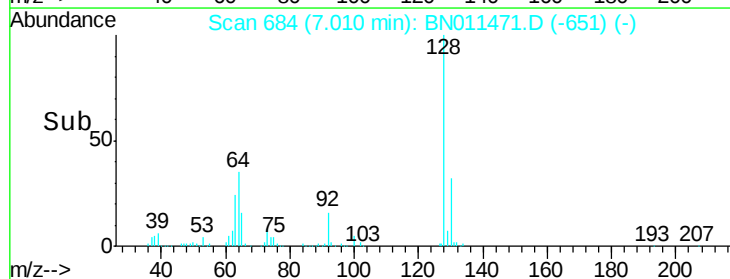
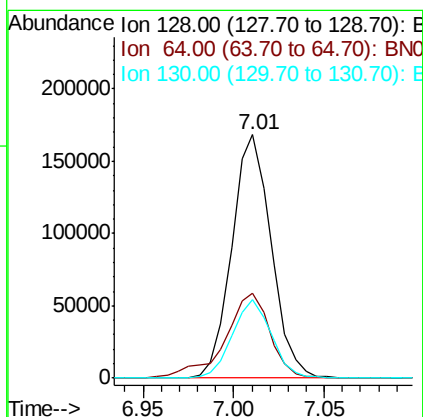
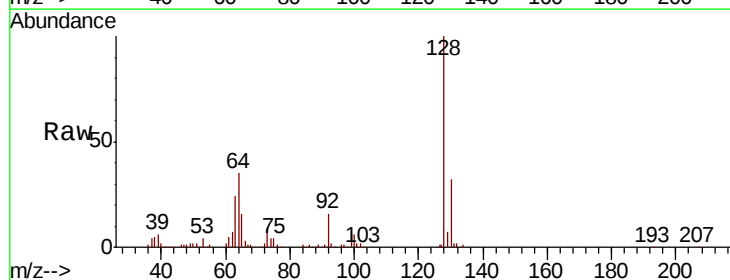


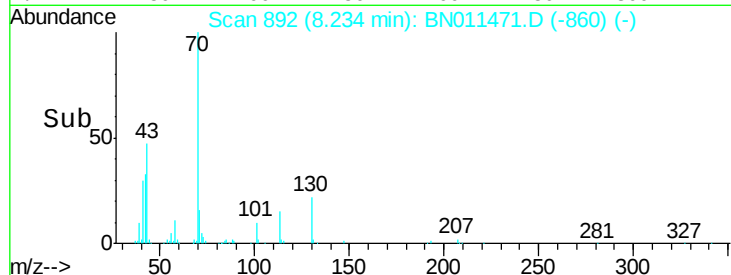
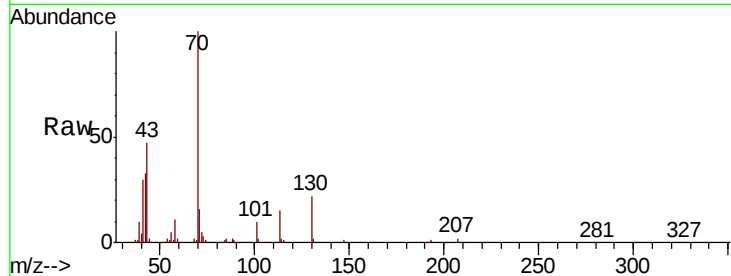
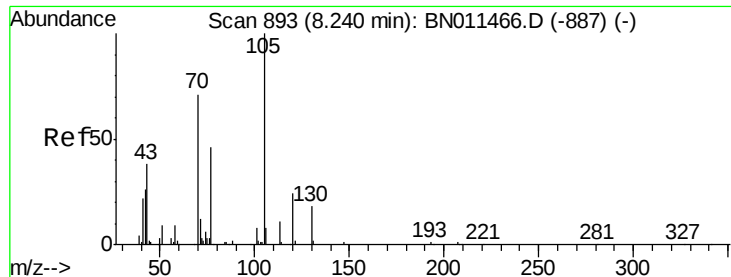
#10

2-Chlorophenol

Concen: 19.393 ng/ul
 RT: 7.01 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BN011471.D
 Acq: 18 Aug 2020 04:14

Tgt Ion	128	Resp	254902
Ion Ratio	100	Lower	Upper
64	35.0	25.4	38.0
130	32.4	26.3	39.5

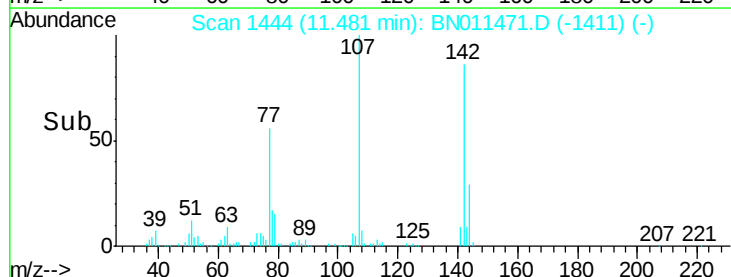
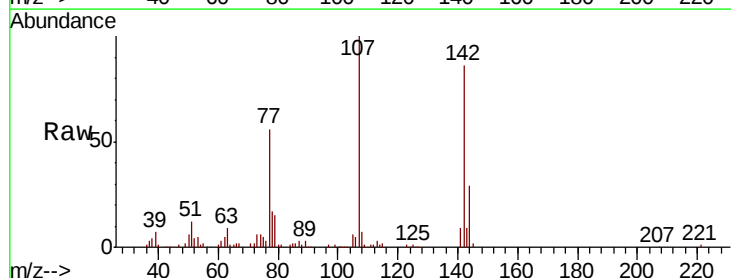
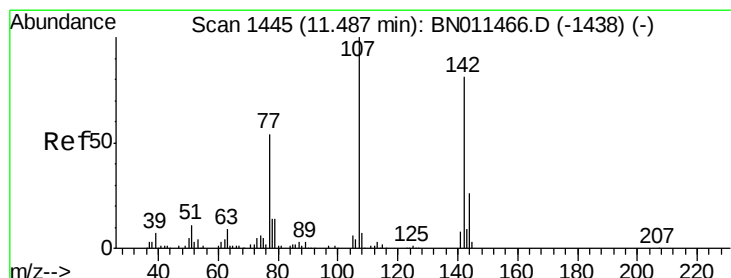
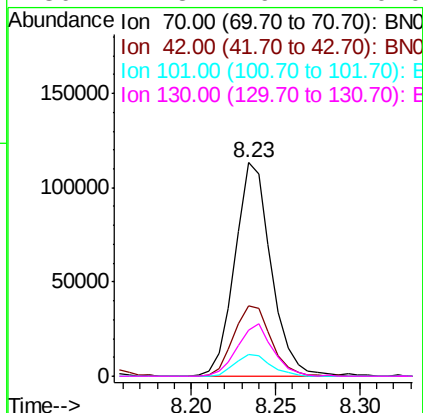




#15
N-Nitroso-di-n-propylamine
Concen: 20.981 ng/ul
RT: 8.23 min Scan# 892
Delta R.T. -0.01 min
Lab File: BN011471.D
Acq: 18 Aug 2020 04:14

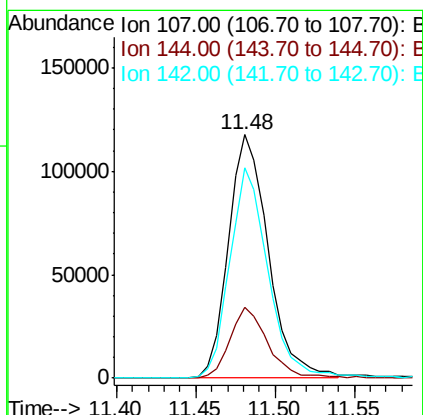
Instrument :
BNA_N
ClientSampleId :
DBFM8MSD

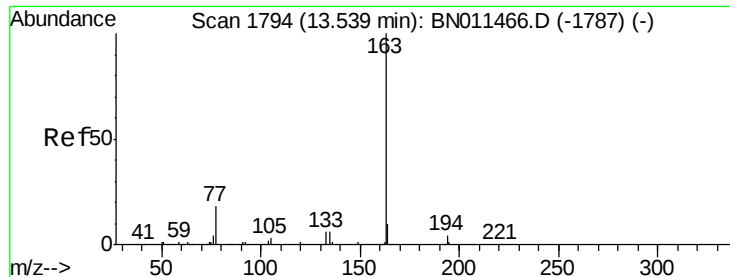
Tot Ion	Ratio	Lower	Upper
70	100		
42	33.2	27.2	40.8
101	10.3	8.3	12.5
130	21.8	19.4	29.0



#33
4-Chloro-3-methylphenol
Concen: 18.275 ng/ul
RT: 11.48 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BN011471.D
Acq: 18 Aug 2020 04:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.2	22.2	33.4
142	86.3	63.4	95.2





#45

Dimethylphthalate

Concen: 2.975 ng/ul

RT: 13.54 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BN011471.D

Acq: 18 Aug 2020 04:14

Instrument :

BNA_N

ClientSampleId :

DBFM8MSD

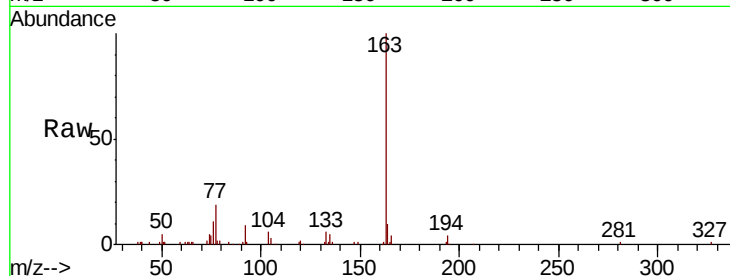
Tot Ion:163 Resp: 105061

Ion Ratio Lower Upper

163 100

194 4.1 3.8 5.6

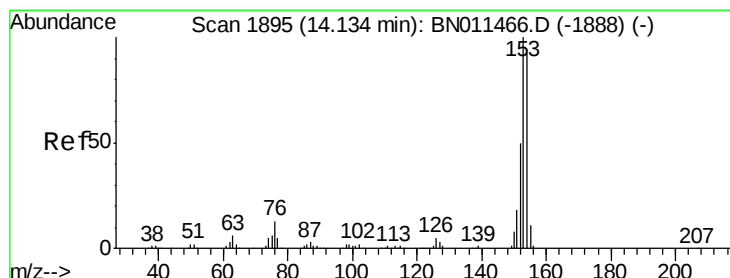
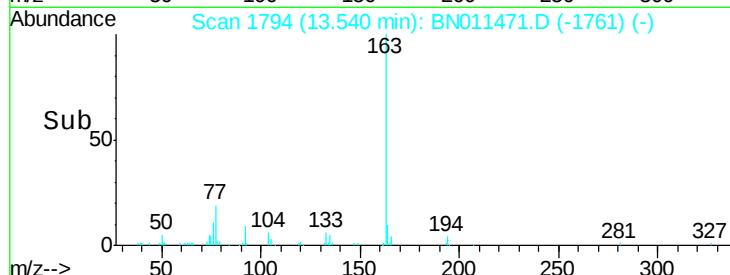
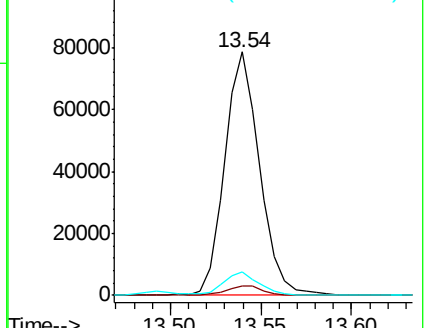
164 9.7 8.7 13.1



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: 17.938 ng/ul

RT: 14.13 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BN011471.D

Acq: 18 Aug 2020 04:14

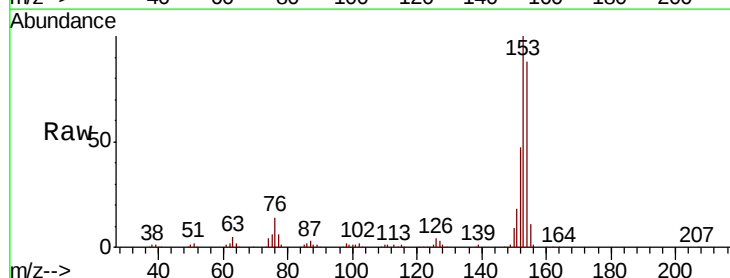
Tgt Ion:153 Resp: 538566

Ion Ratio Lower Upper

153 100

152 47.2 37.6 56.4

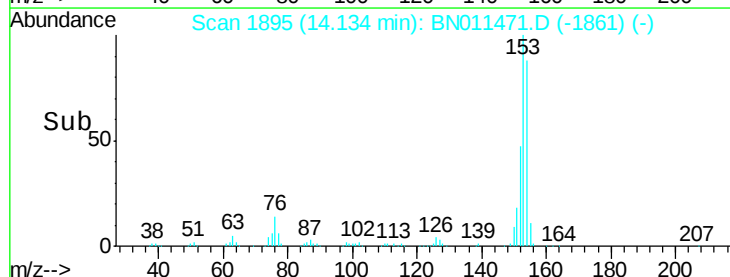
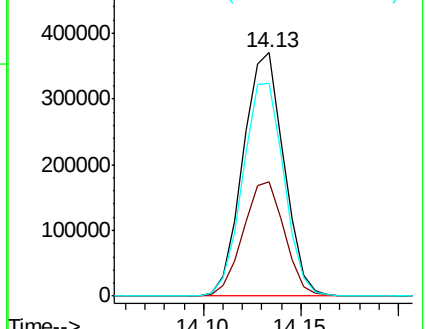
154 87.5 72.0 108.0

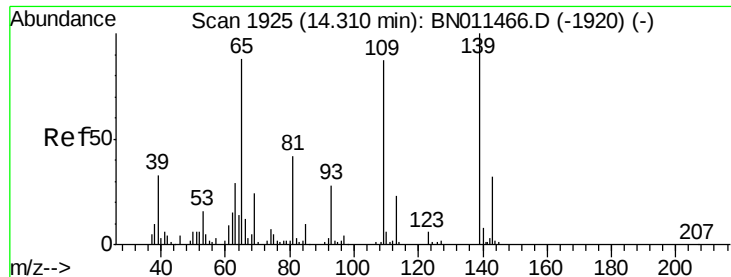


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 18.920 ng/ul

RT: 14.31 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BN011471.D

Acq: 18 Aug 2020 04:14

Instrument :

BNA_N

ClientSampleId :

DBFM8MSD

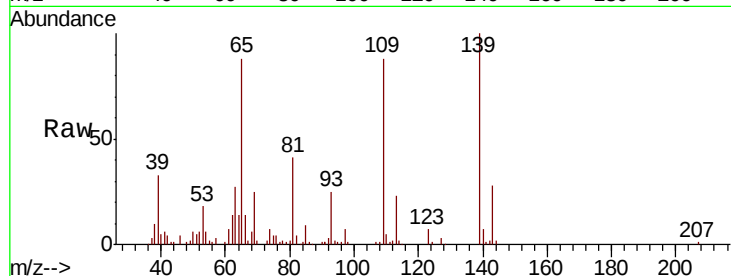
Tot Ion:109 Resp: 105135

Ion Ratio Lower Upper

109 100

139 113.6 80.9 121.3

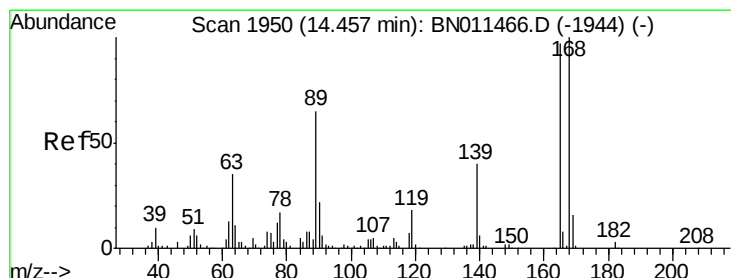
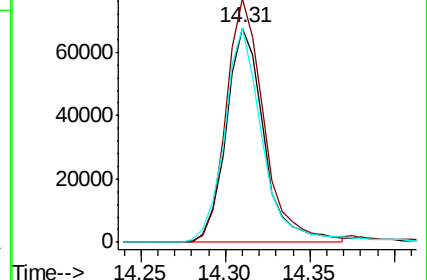
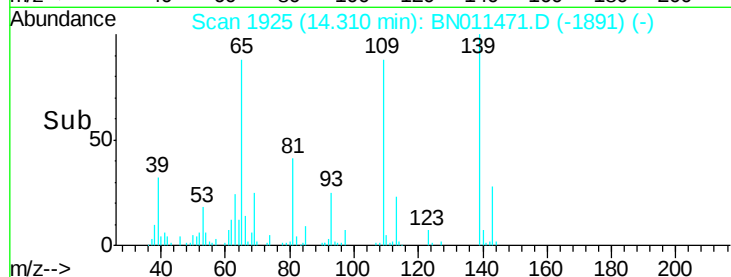
65 99.7 77.2 115.8



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): BNC



#55

2,4-Dinitrotoluene

Concen: 23.465 ng/ul

RT: 14.45 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BN011471.D

Acq: 18 Aug 2020 04:14

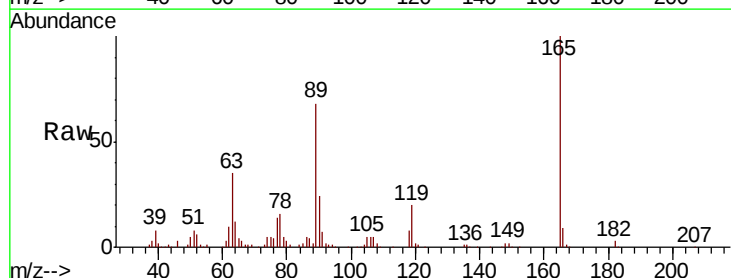
Tgt Ion:165 Resp: 233390

Ion Ratio Lower Upper

165 100

63 35.0 32.6 48.8

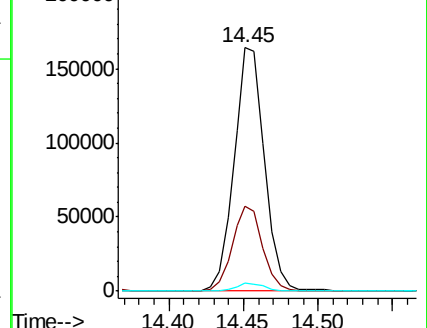
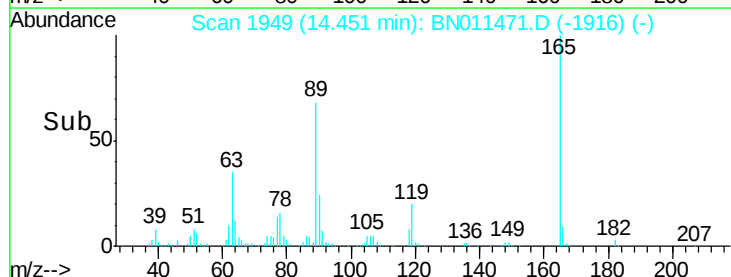
182 3.3 2.1 3.1#

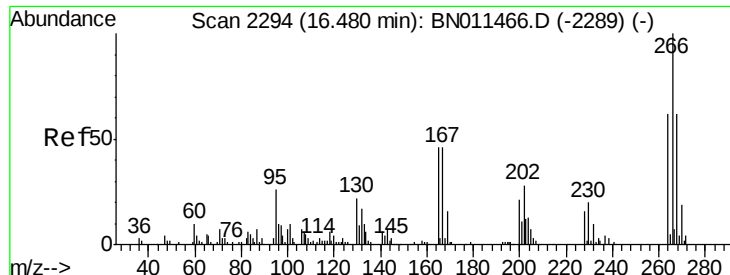


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 19.391 ng/ul

RT: 16.49 min Scan# 2295

Delta R.T. 0.00 min

Lab File: BN011471.D

Acq: 18 Aug 2020 04:14

Instrument :

BNA_N

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DBFM8MSD

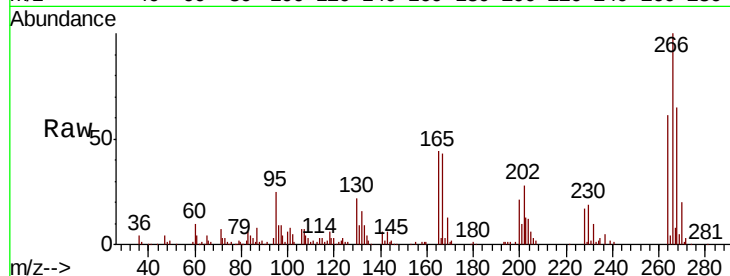
Tot Ion:266 Resp: 129885

Ion Ratio Lower Upper

266 100

264 60.6 67.9 101.9#

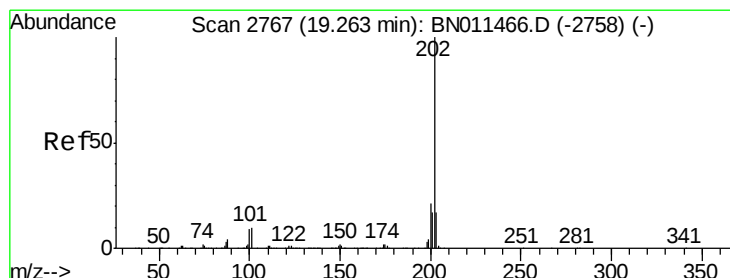
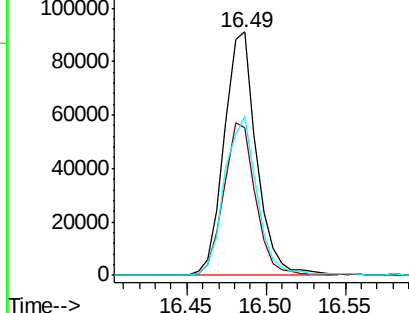
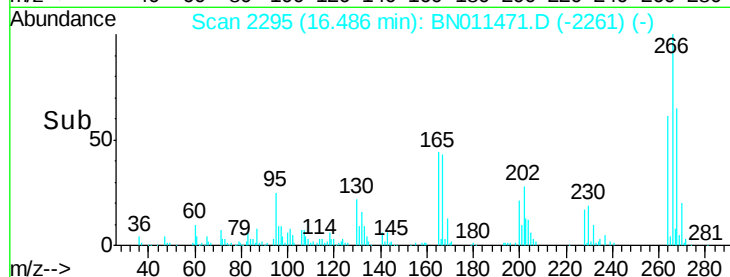
268 65.3 63.4 95.2



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



#80

Pyrene

Concen: 21.890 ng/ul

RT: 19.26 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BN011471.D

Acq: 18 Aug 2020 04:14

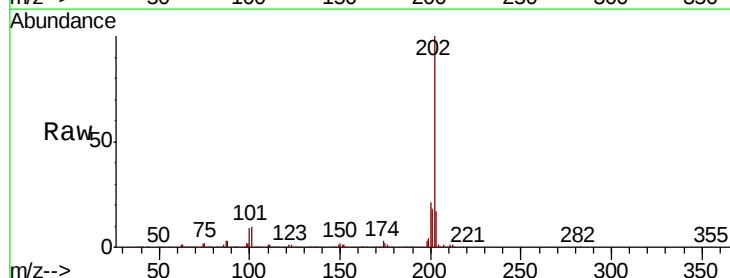
Tgt Ion:202 Resp: 1466506

Ion Ratio Lower Upper

202 100

101 10.0 7.8 11.8

100 8.7 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

