

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
 Data File : BN011542.D
 Acq On : 21 Aug 2020 02:15
 Operator : CG/JU
 Sample : L3708-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFW5MSD

Quant Time: Aug 21 04:17:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 03:13:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	177587	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	696531	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	407449	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	894726	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	910795	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	842783	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	21193	5.73	ng/uL	0.00
5) Phenol-d5	6.63	99	72660	5.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	184761	28.86	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	248245	22.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	144850	14.21	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	152441	28.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	170302	28.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	286832	25.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	28341	2.07	ng/ul	0.01
44) Dimethylphthalate-d6	13.48	166	1129752	35.61	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1197504	31.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	27598	5.13	ng/ul	0.00
58) Fluorene-d10	15.06	176	840637	30.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	166181	28.01	ng/ul	0.00
71) Anthracene-d10	16.91	188	1417420	33.16	ng/ul	0.00
79) Pyrene-d10	19.22	212	1679244	35.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1555412	33.23	ng/ul	0.00

Target Compounds

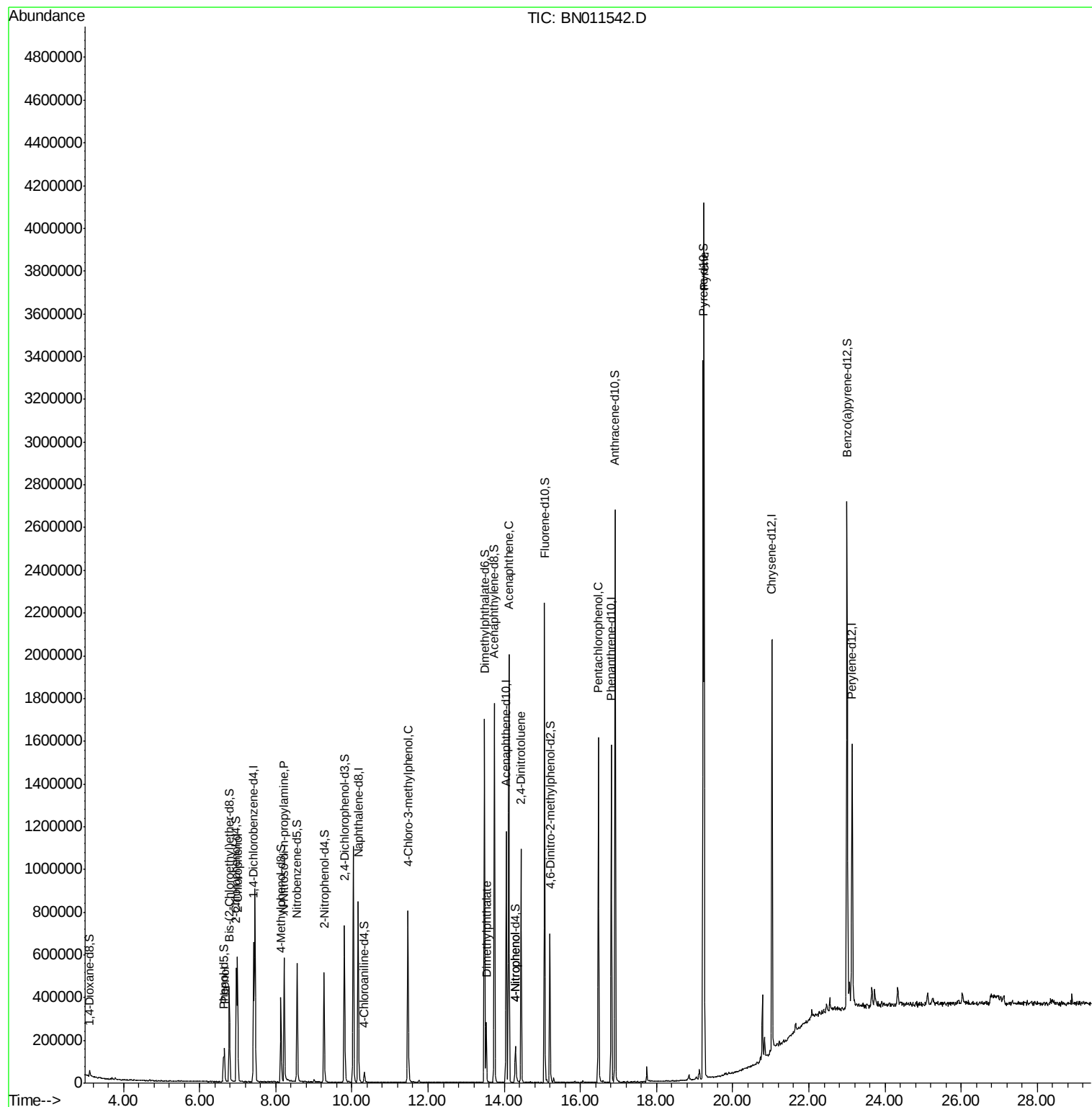
					Ovalue
6) Phenol	6.65	94	87776	6.856	ng/ul 96
10) 2-Chlorophenol	7.00	128	275046	23.681	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.22	70	250705	35.099	ng/ul 99
33) 4-Chloro-3-methylphenol	11.47	107	295300	26.690	ng/ul 97
45) Dimethylphthalate	13.53	163	178507	5.482	ng/ul 98
50) Acenaphthene	14.12	153	799990	28.899	ng/ul 99
53) 4-Nitrophenol	14.30	109	33395	6.518	ng/ul 92
55) 2,4-Dinitrotoluene	14.45	165	332654	36.274	ng/ul 94
69) Pentachlorophenol	16.47	266	242663	37.370	ng/ul# 77
80) Pyrene	19.25	202	2310409	36.048	ng/ul 99

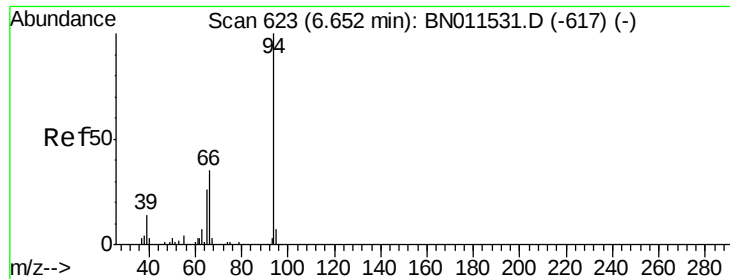
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 6.856 ng/ul

RT: 6.65 min Scan# 623

Delta R.T. -0.00 min

Lab File: BN011542.D

Acq: 21 Aug 2020 02:15

Instrument :

BNA_N

ClientSampleId :

DBFW5MSD

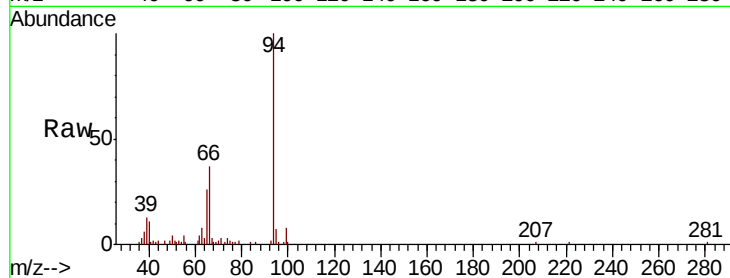
Tot Ion: 94 Resp: 87776

Ion Ratio Lower Upper

94 100

65 26.0 22.1 33.1

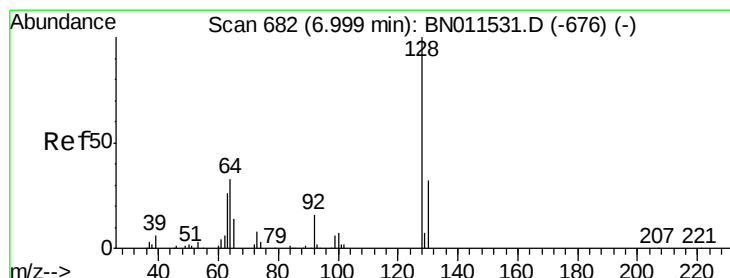
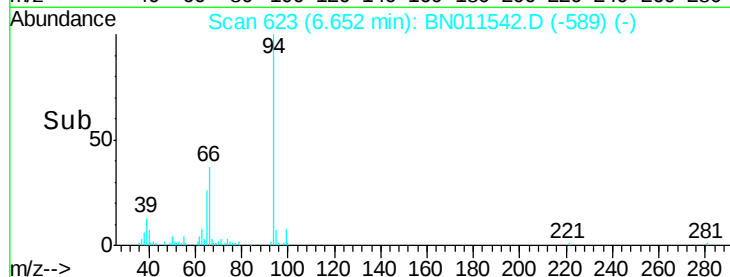
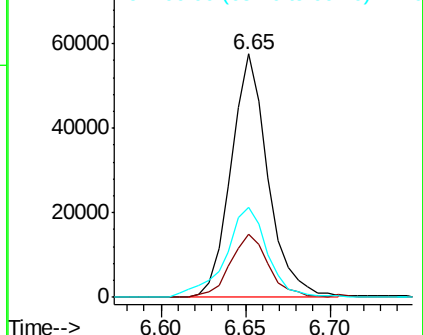
66 36.8 32.1 48.1



Abundance Ion 94.00 (93.70 to 94.70): BN011531.D (-617) (-)

Ion 65.00 (64.70 to 65.70): BN011531.D (-617) (-)

Ion 66.00 (65.70 to 66.70): BN011531.D (-617) (-)



#10

2-Chlorophenol

Concen: 23.681 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.00 min

Lab File: BN011542.D

Acq: 21 Aug 2020 02:15

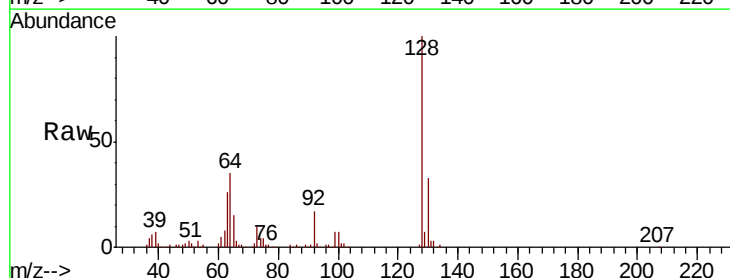
Tgt Ion: 128 Resp: 275046

Ion Ratio Lower Upper

128 100

64 34.8 25.4 38.0

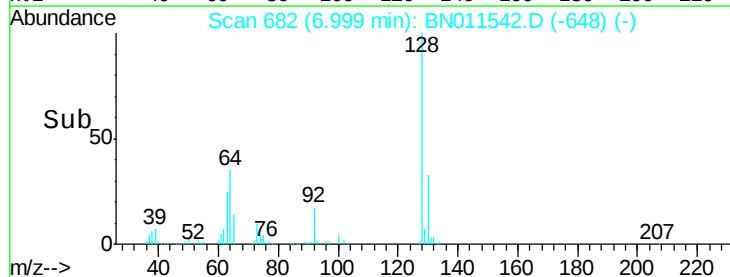
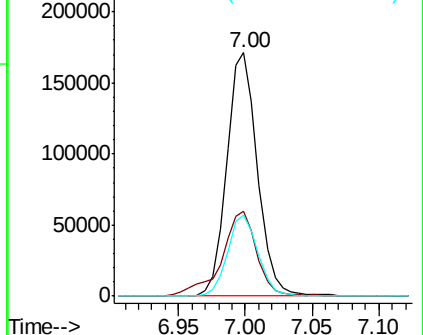
130 33.4 26.3 39.5

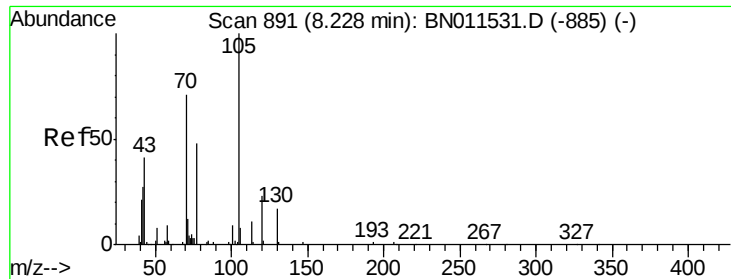


Abundance Ion 128.00 (127.70 to 128.70): BN011531.D (-676) (-)

Ion 64.00 (63.70 to 64.70): BN011531.D (-676) (-)

Ion 130.00 (129.70 to 130.70): BN011531.D (-676) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 35.099 ng/ul

RT: 8.22 min Scan# 890

Delta R.T. -0.01 min

Lab File: BN011542.D

Acq: 21 Aug 2020 02:15

Instrument :

BNA_N

ClientSampleId :

DBFW5MSD

Tot Ion: 70 Resp: 250705

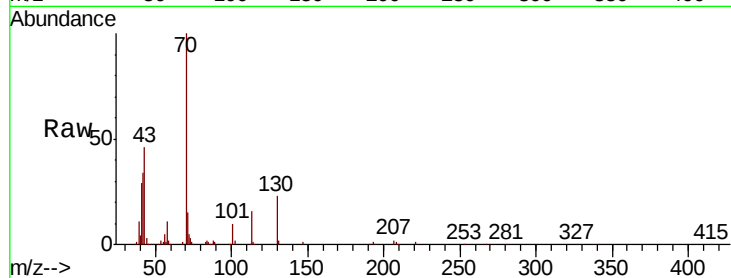
Ion Ratio Lower Upper

70 100

42 33.8 27.2 40.8

101 10.2 8.3 12.5

130 23.5 19.4 29.0

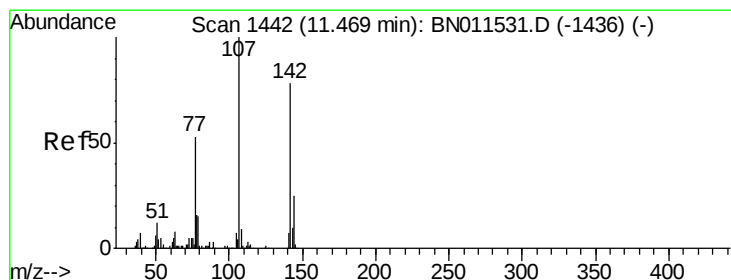
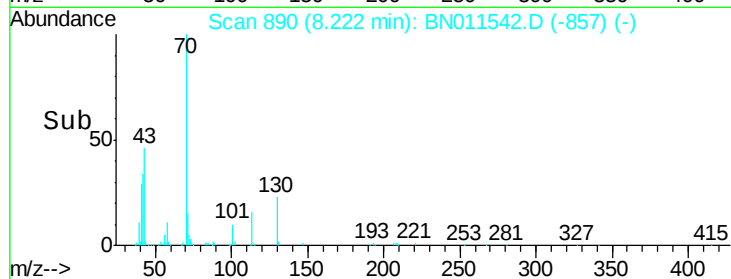
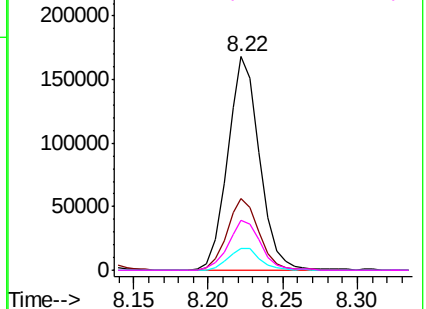


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 26.690 ng/ul

RT: 11.47 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN011542.D

Acq: 21 Aug 2020 02:15

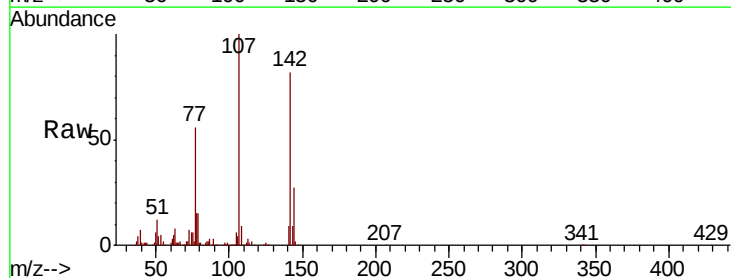
Tgt Ion:107 Resp: 295300

Ion Ratio Lower Upper

107 100

144 26.8 22.2 33.4

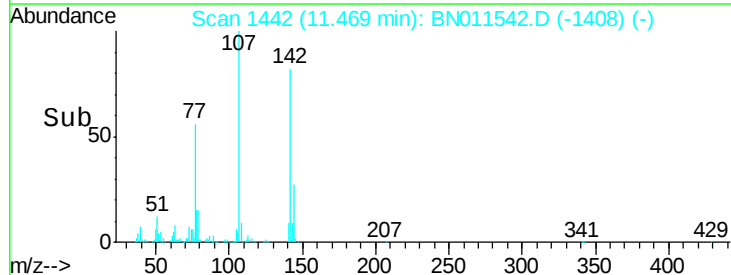
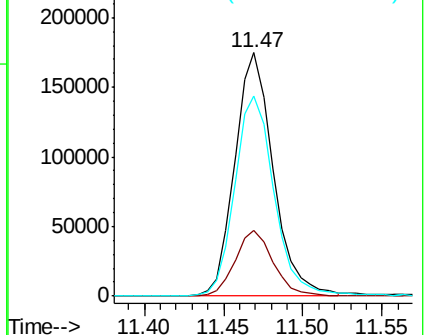
142 82.0 63.4 95.2

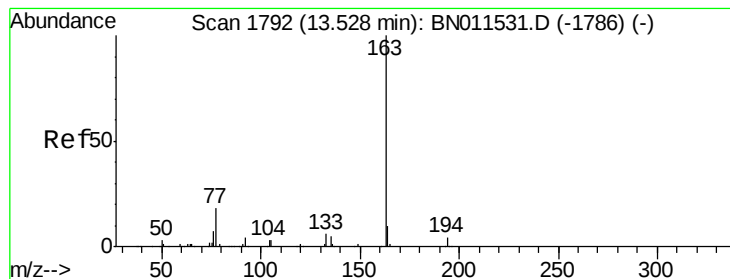


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#45

Dimethylphthalate

Concen: 5.482 ng/ul

RT: 13.53 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BN011542.D

Acq: 21 Aug 2020 02:15

Instrument :

BNA_N

ClientSampleId :

DBFW5MSD

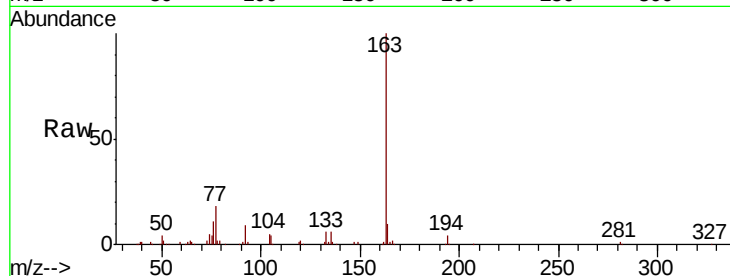
Tot Ion:163 Resp: 178507

Ion Ratio Lower Upper

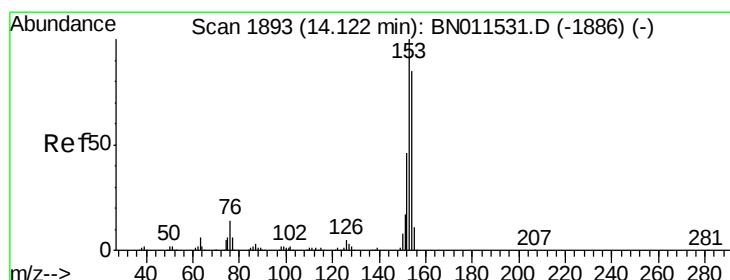
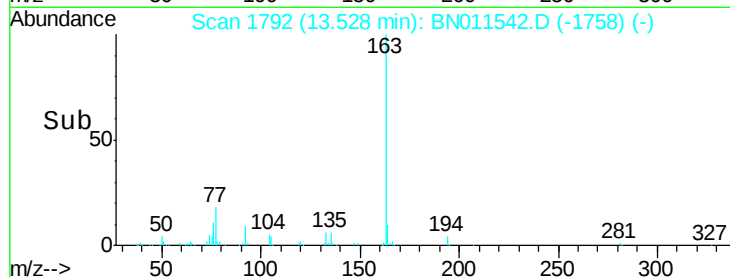
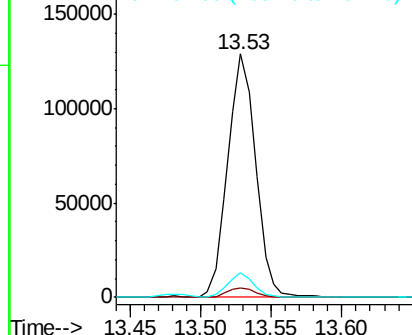
163 100

194 4.1 3.8 5.6

164 10.1 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: 28.899 ng/ul

RT: 14.12 min Scan# 1893

Delta R.T. -0.00 min

Lab File: BN011542.D

Acq: 21 Aug 2020 02:15

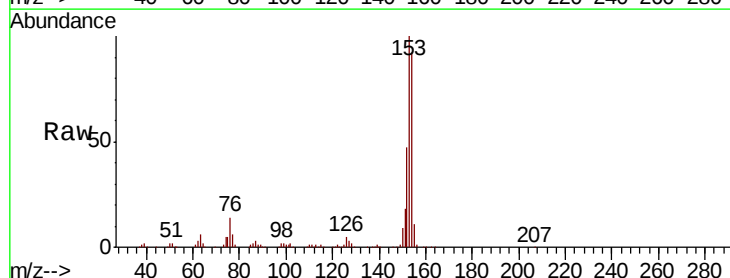
Tgt Ion:153 Resp: 799990

Ion Ratio Lower Upper

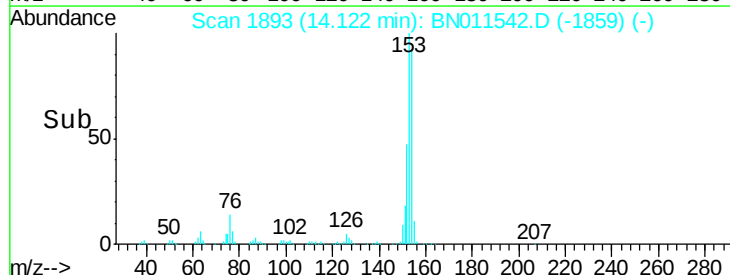
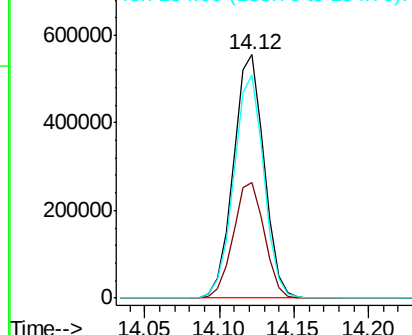
153 100

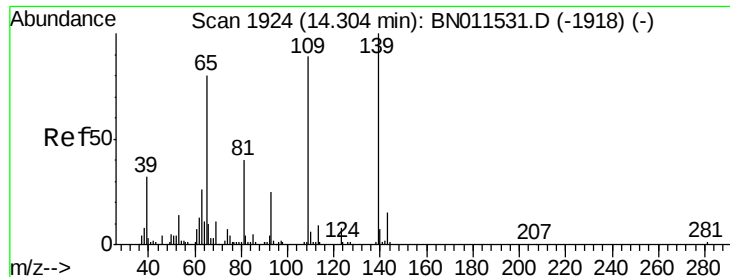
152 47.3 37.6 56.4

154 91.7 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: 6.518 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN011542.D

Acq: 21 Aug 2020 02:15

Instrument :

BNA_N

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DBFW5MSD

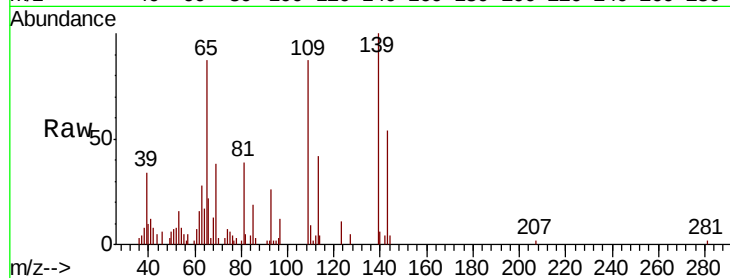
Tot Ion:109 Resp: 33395

Ion Ratio Lower Upper

109 100

139 114.9 80.9 121.3

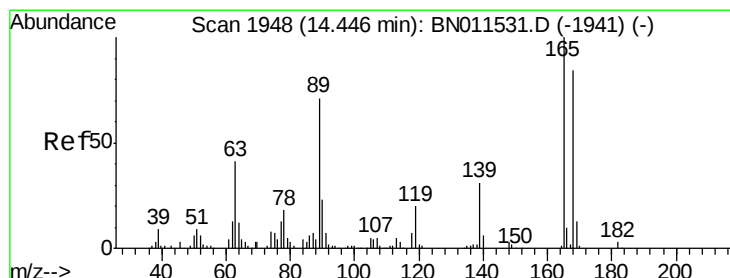
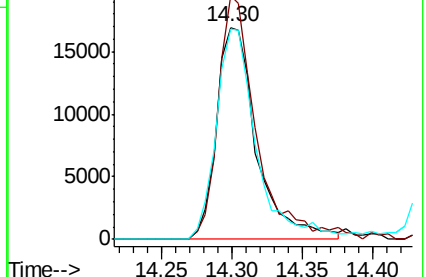
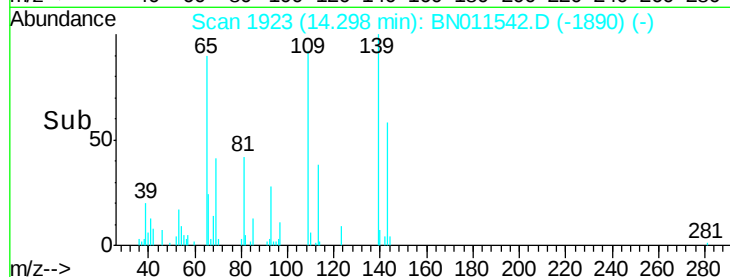
65 99.4 77.2 115.8



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: 36.274 ng/ul

RT: 14.45 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BN011542.D

Acq: 21 Aug 2020 02:15

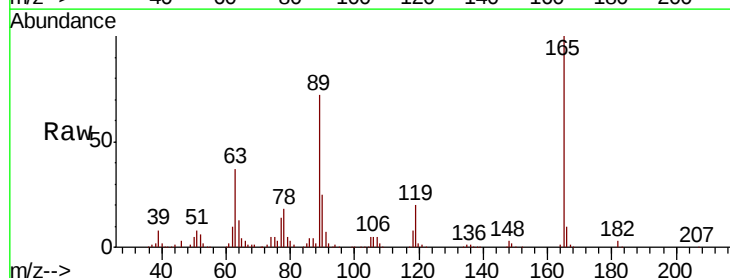
Tgt Ion:165 Resp: 332654

Ion Ratio Lower Upper

165 100

63 36.7 32.6 48.8

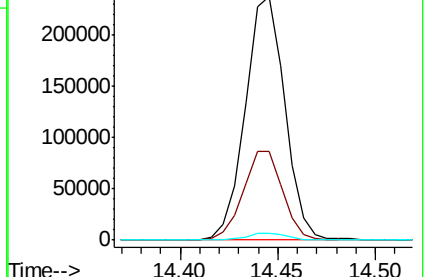
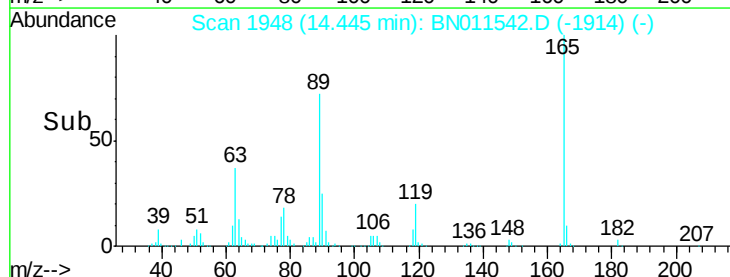
182 2.8 2.1 3.1

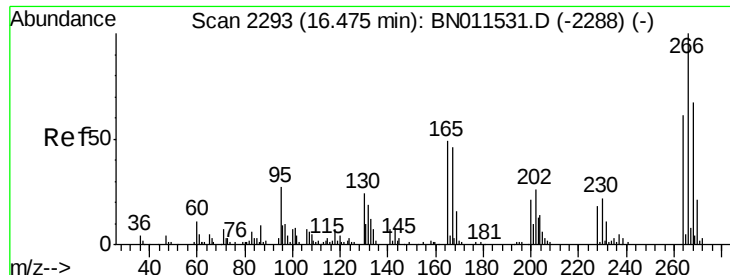


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

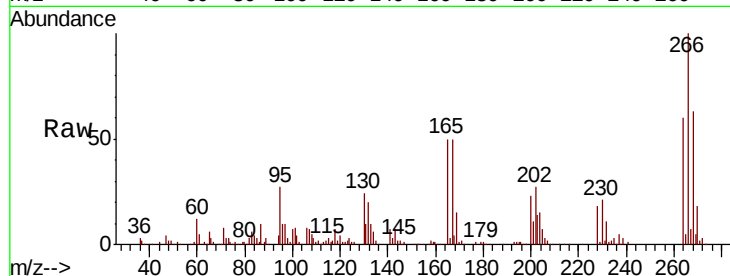




#69
 Pentachlorophenol
 Concen: 37.370 ng/ul
 RT: 16.47 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BN011542.D
 Acq: 21 Aug 2020 02:15

Instrument :
 BNA_N
 ClientSampleId :
 DBFW5MSD

Tot Ion	Ratio	Lower	Upper
266	100		
264	59.6	67.9	101.9#
268	63.3	63.4	95.2#

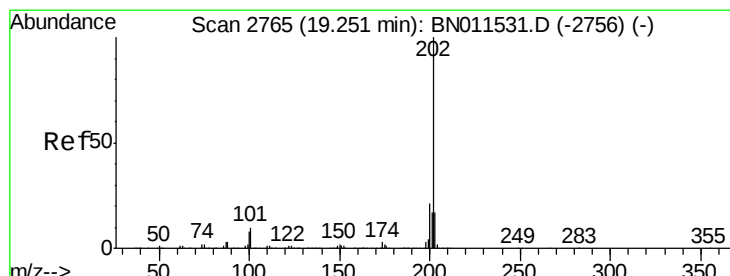
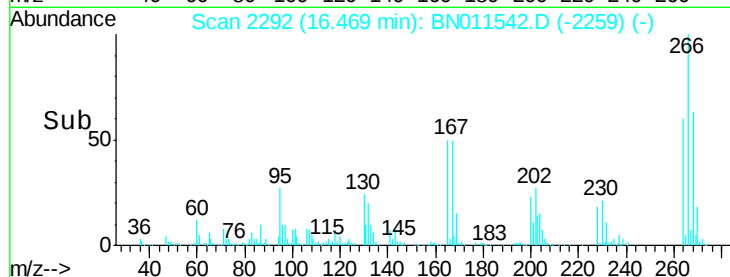
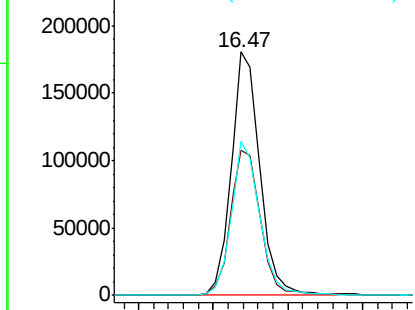


Abundance

Ion 265.70 (265.40 to 266.40): E

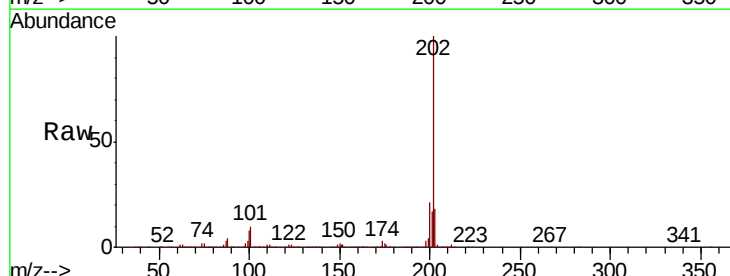
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 36.048 ng/ul
 RT: 19.25 min Scan# 2765
 Delta R.T. -0.00 min
 Lab File: BN011542.D
 Acq: 21 Aug 2020 02:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	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

