

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
 Data File : BN009751.D
 Acq On : 18 Feb 2020 20:02
 Operator : CG/JU
 Sample : L1541-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD33MS

Quant Time: Feb 19 03:54:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 03:37:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	121697	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	505493	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	313133	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	681671	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	659944	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	668106	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	14260	4.82	ng/uL	0.00
5) Phenol-d5	6.62	99	57867	5.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	195348	27.35	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	175807	22.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	111350	13.52	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	109162	29.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	116569	28.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	197920	25.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	12048	1.38	ng/ul	0.03
44) Dimethylphthalate-d6	13.48	166	765703	32.74	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	853923	31.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	19737	4.62	ng/ul	0.00
58) Fluorene-d10	15.06	176	655925	32.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	111102	26.24	ng/ul	0.00
71) Anthracene-d10	16.91	188	1048875	33.57	ng/ul	0.00
79) Pyrene-d10	19.22	212	1176479	34.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1187748	35.60	ng/ul	0.00

Target Compounds

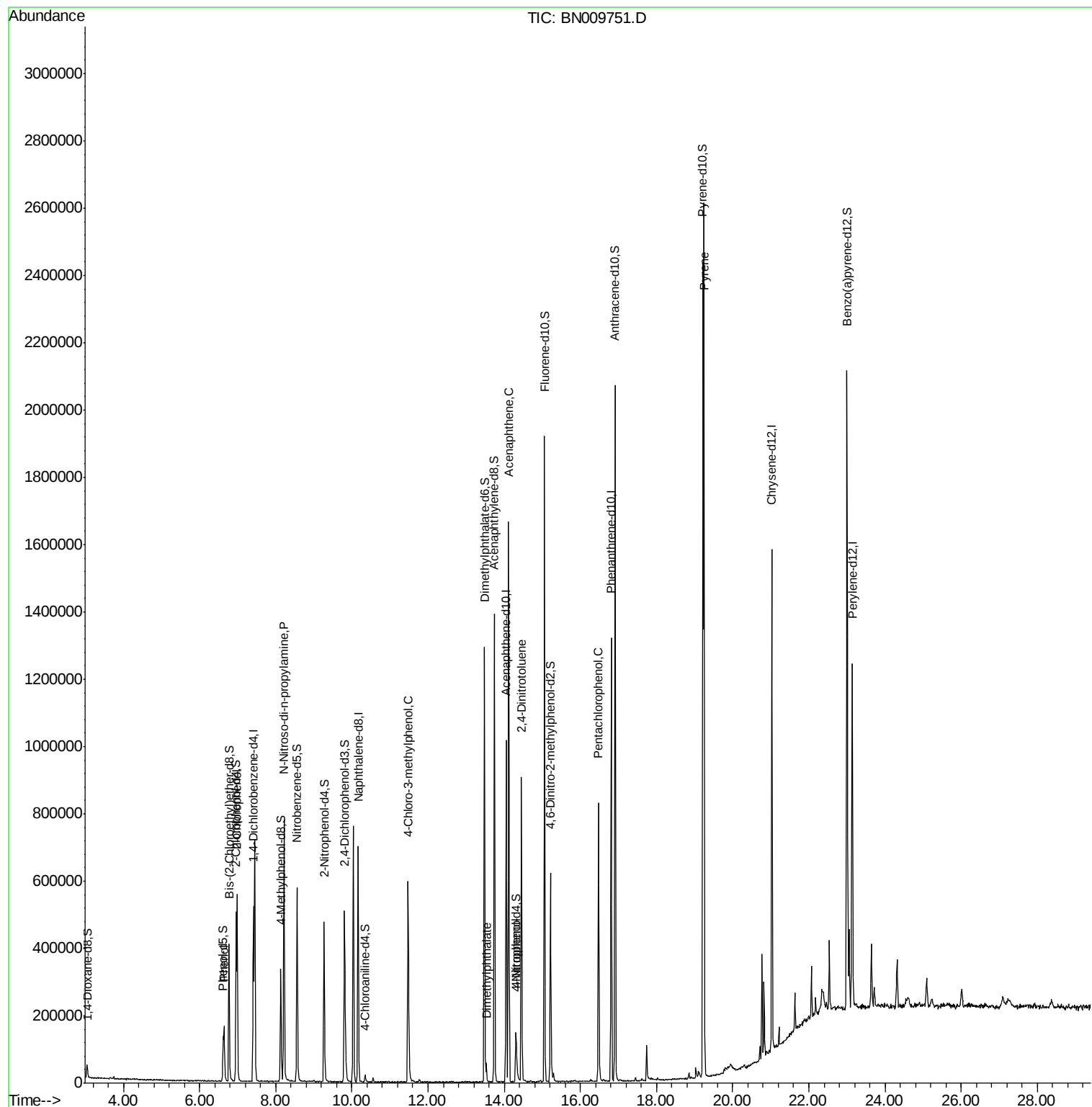
					Ovalue
6) Phenol	6.64	94	66728	6.016	ng/ul 91
10) 2-Chlorophenol	6.99	128	181648	22.129	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.22	70	207642	29.618	ng/ul 98
33) 4-Chloro-3-methylphenol	11.48	107	222345	24.780	ng/ul 98
45) Dimethylphthalate	13.53	163	30537	1.251	ng/ul# 97
50) Acenaphthene	14.12	153	609480	29.819	ng/ul 99
53) 4-Nitrophenol	14.31	109	19671	5.103	ng/ul 92
55) 2,4-Dinitrotoluene	14.46	165	222003	31.352	ng/ul# 75
69) Pentachlorophenol	16.47	266	128398	29.437	ng/ul 95
80) Pyrene	19.25	202	1532394	32.207	ng/ul 98

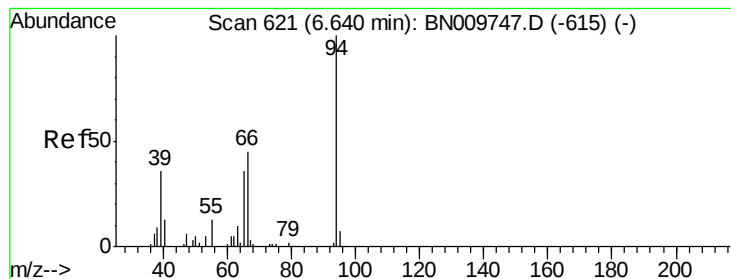
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 19 03:37:25 2020
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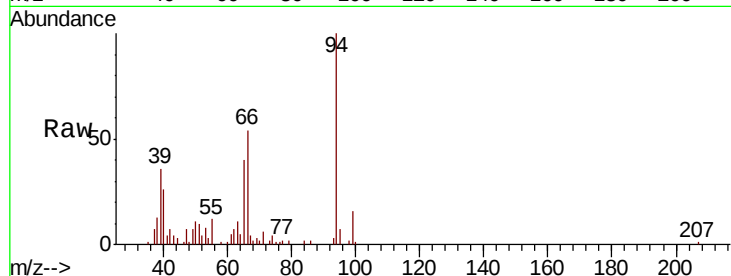
#6

Phenol

Concen: 6.016 ng/ul
 RT: 6.64 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BN009751.D
 Acq: 18 Feb 2020 20:02

Instrument :
 BNA_N
 ClientSampleId :
 DBD33MS

Tot Ion	94	Resp	66728
Ion Ratio	Lower	Upper	
94	100		
65	40.1	27.6	41.4
66	54.4	38.5	57.7

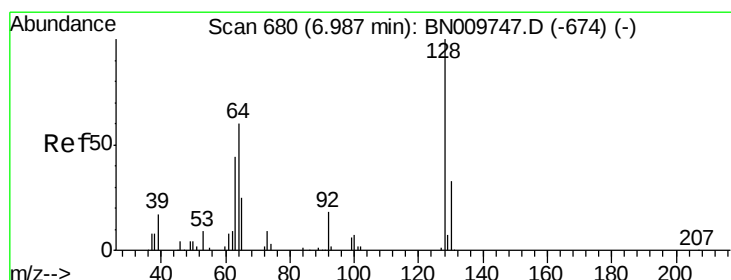
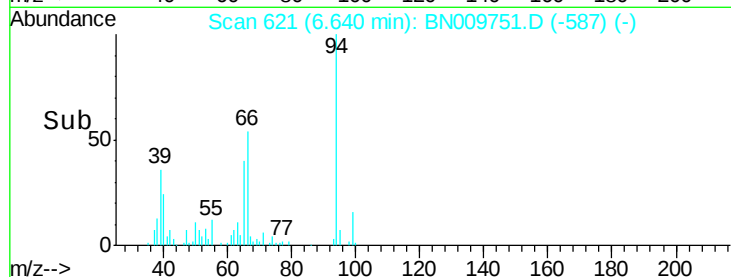
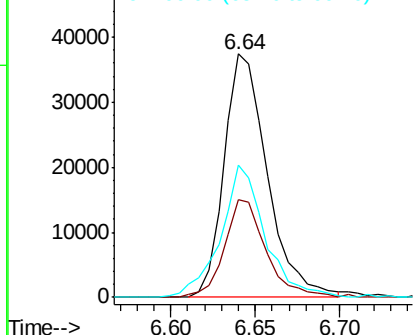


Abundance

Ion 94.00 (93.70 to 94.70): BN009751.D (-587) (-)

Ion 65.00 (64.70 to 65.70): BN009751.D (-587) (-)

Ion 66.00 (65.70 to 66.70): BN009751.D (-587) (-)

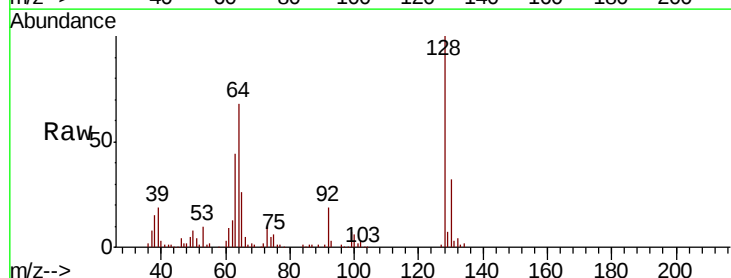


#10

2-Chlorophenol

Concen: 22.129 ng/ul
 RT: 6.99 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BN009751.D
 Acq: 18 Feb 2020 20:02

Tgt Ion	128	Resp	181648
Ion Ratio	Lower	Upper	
128	100		
64	67.7	52.5	78.7
130	32.5	24.4	36.6

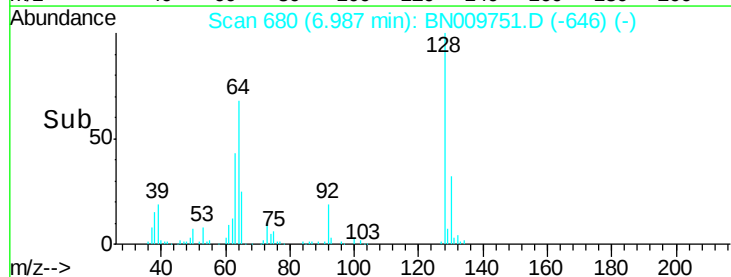
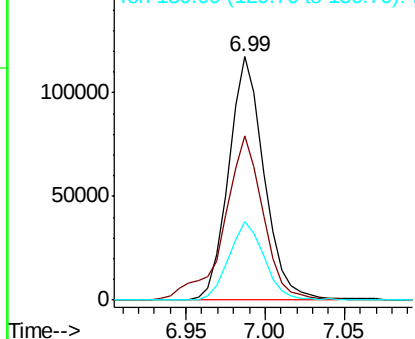


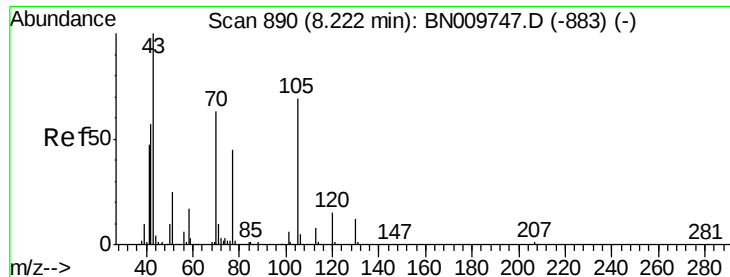
Abundance

Ion 128.00 (127.70 to 128.70): BN009751.D (-646) (-)

Ion 64.00 (63.70 to 64.70): BN009751.D (-646) (-)

Ion 130.00 (129.70 to 130.70): BN009751.D (-646) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 29.618 ng/ul

RT: 8.22 min Scan# 889

Delta R.T. -0.01 min

Lab File: BN009751.D

Acq: 18 Feb 2020 20:02

Instrument :

BNA_N

ClientSampleId :

DBD33MS

Tot Ion: 70 Resp: 207642

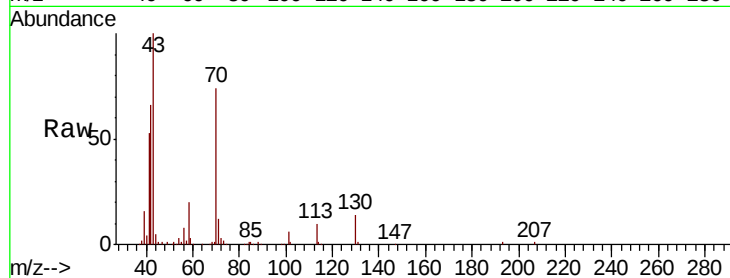
Ion Ratio Lower Upper

70 100

42 89.1 72.6 108.8

101 8.2 7.7 11.5

130 19.6 14.7 22.1

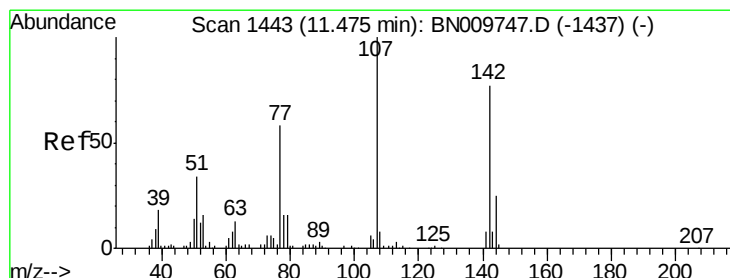
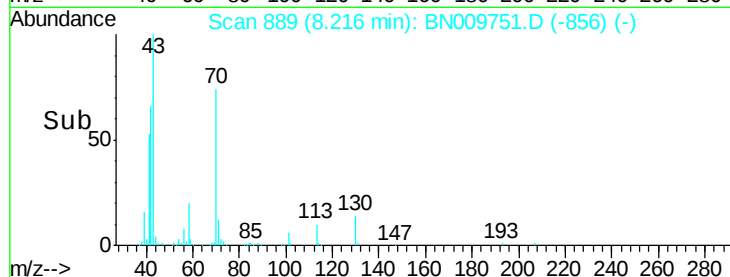
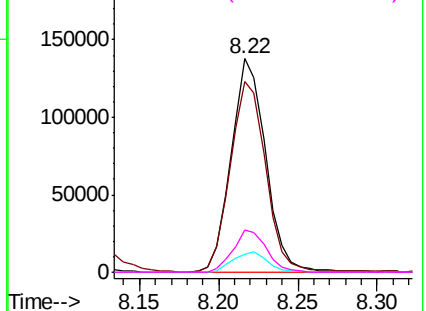


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 24.780 ng/ul

RT: 11.48 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN009751.D

Acq: 18 Feb 2020 20:02

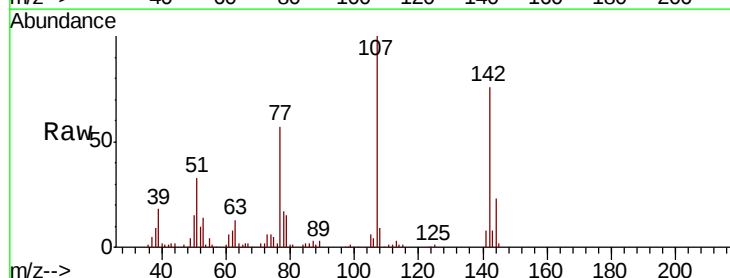
Tgt Ion: 107 Resp: 222345

Ion Ratio Lower Upper

107 100

144 23.5 19.3 28.9

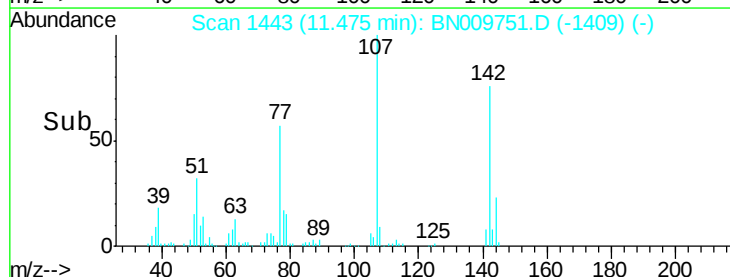
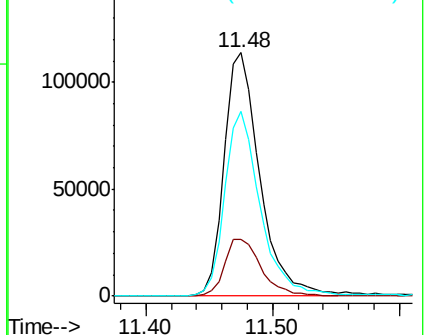
142 75.9 59.5 89.3

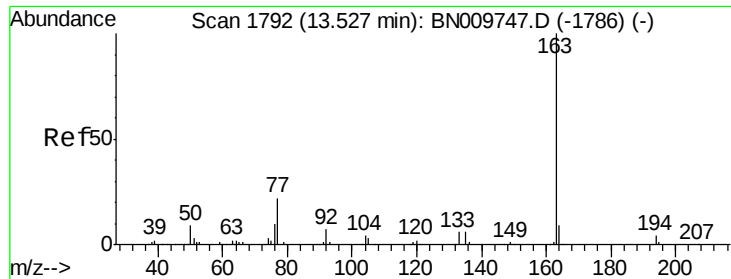


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#45

Dimethylphthalate

Concen: 1.251 ng/ul

RT: 13.53 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BN009751.D

Acq: 18 Feb 2020 20:02

Instrument :

BNA_N

ClientSampleId :

DBD33MS

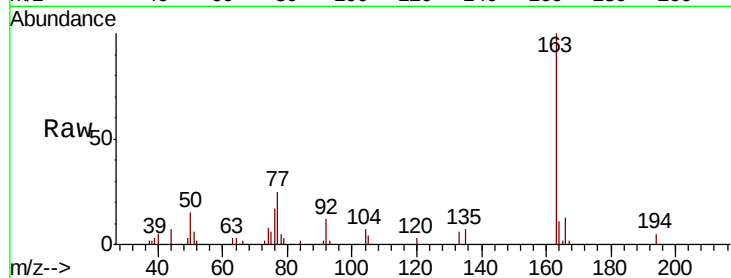
Tot Ion:163 Resp: 30537

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.0#

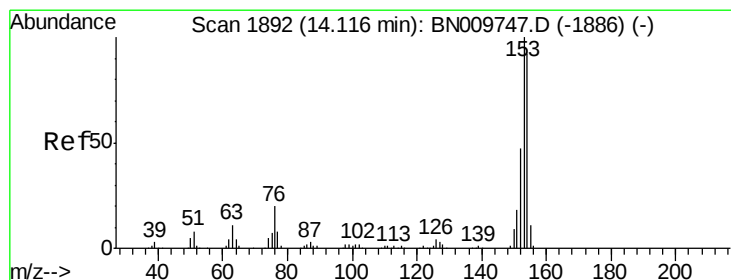
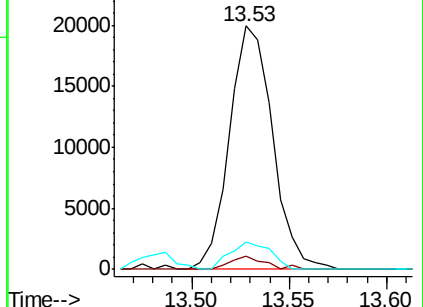
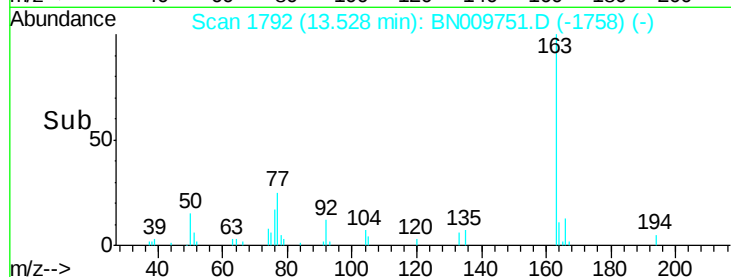
164 11.3 8.0 12.0



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: 29.819 ng/ul

RT: 14.12 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BN009751.D

Acq: 18 Feb 2020 20:02

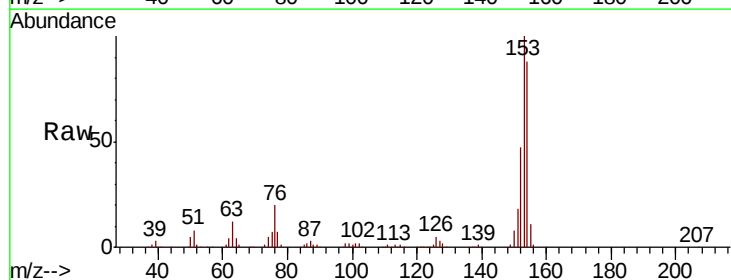
Tgt Ion:153 Resp: 609480

Ion Ratio Lower Upper

153 100

152 46.9 36.6 54.8

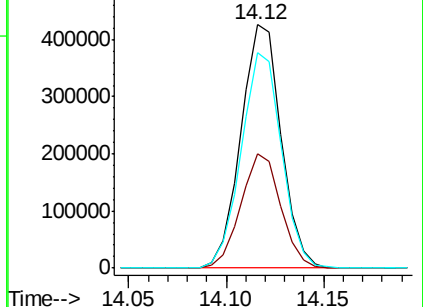
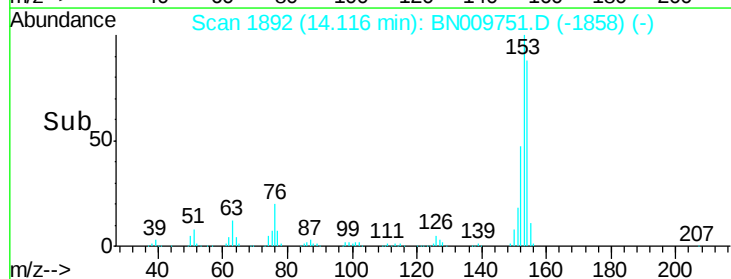
154 88.3 70.6 106.0

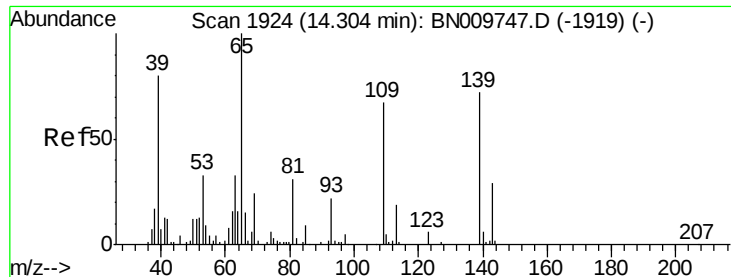


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 5.103 ng/ul

RT: 14.31 min Scan# 1925

Delta R.T. 0.01 min

Lab File: BN009751.D

Acq: 18 Feb 2020 20:02

Instrument :

BNA_N

ClientSampled :

DBD33MS

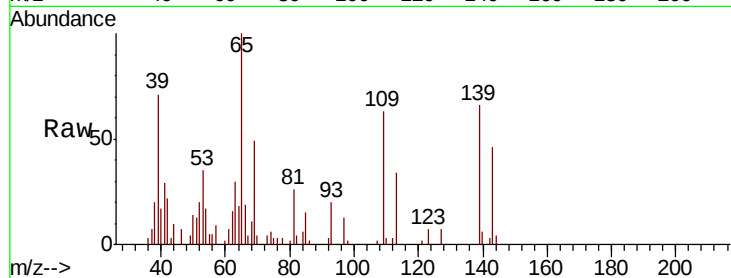
Tot Ion:109 Resp: 19671

Ion Ratio Lower Upper

109 100

139 104.5 96.3 144.5

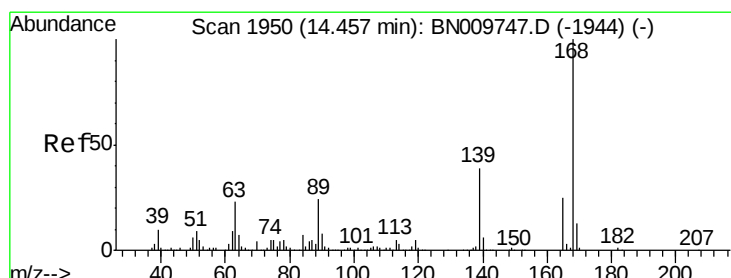
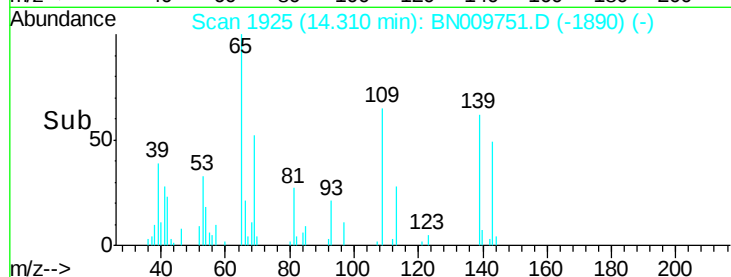
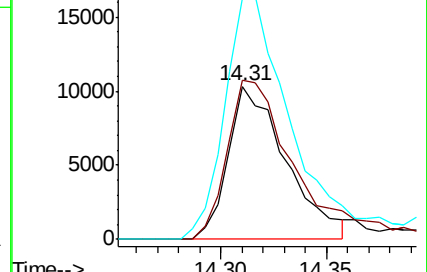
65 158.0 129.9 194.9



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: 31.352 ng/ul

RT: 14.46 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BN009751.D

Acq: 18 Feb 2020 20:02

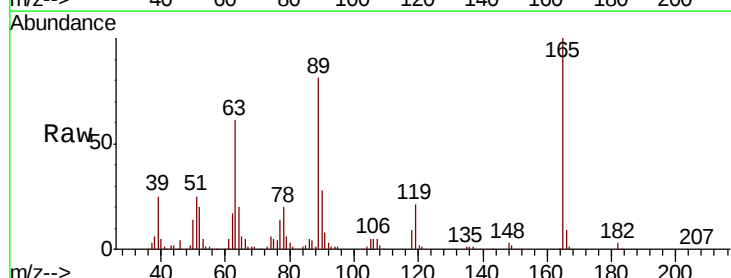
Tgt Ion:165 Resp: 222003

Ion Ratio Lower Upper

165 100

63 61.5 68.3 102.5#

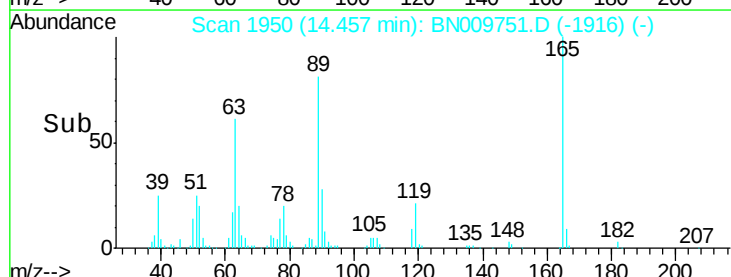
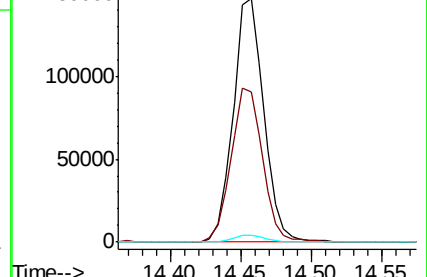
182 2.8 2.2 3.4

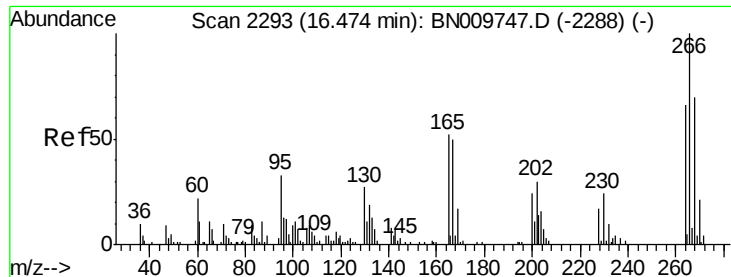


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 29.437 ng/ul

RT: 16.47 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BN009751.D

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DBD33MS

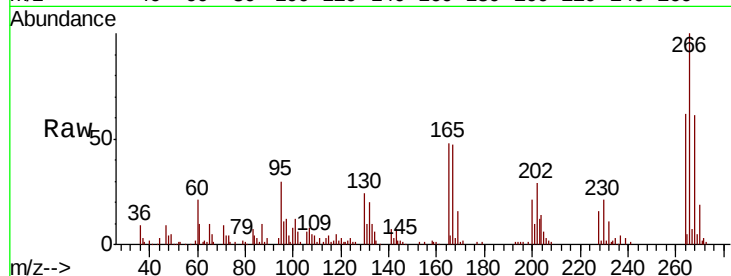
Tot Ion:266 Resp: 128398

Ion Ratio Lower Upper

266 100

264 62.4 52.9 79.3

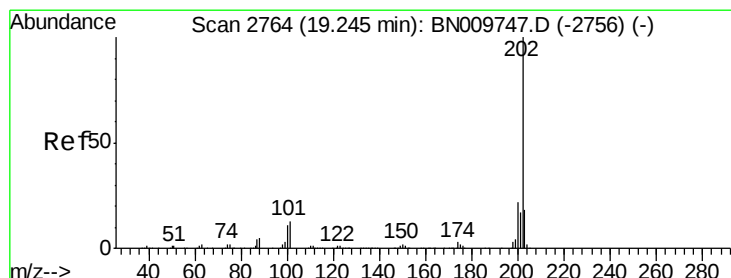
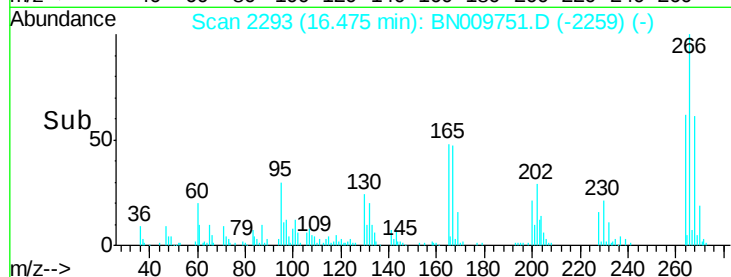
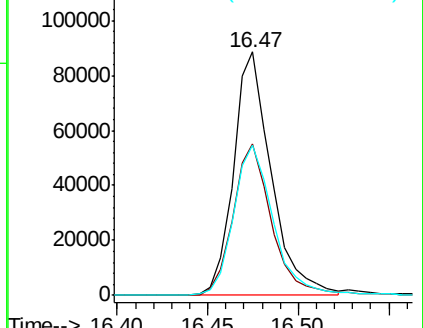
268 61.4 52.5 78.7



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: 32.207 ng/ul

RT: 19.25 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BN009751.D

Acq: 18 Feb 2020 20:02

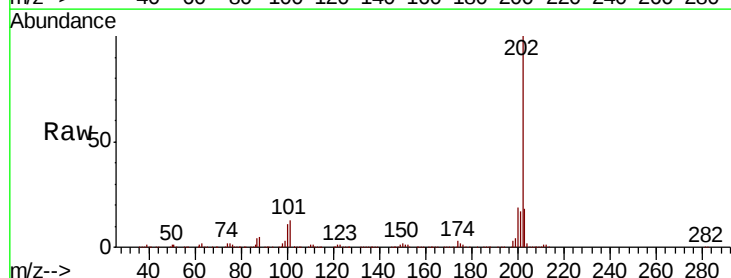
Tgt Ion:202 Resp: 1532394

Ion Ratio Lower Upper

202 100

101 13.0 11.3 16.9

100 10.9 9.0 13.6



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

