

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112719\
 Data File : BN008802.D
 Acq On : 28 Nov 2019 17:45
 Operator : JU
 Sample : K5815-03MSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 29 00:29:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 27 15:51:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	118736	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	569905	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	404357	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	999465	20.00	ng/ul	0.00
77) Chrysene-d12	21.16	240	1239968	20.00	ng/ul	0.00
85) Perylene-d12	23.31	264	1890641	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	9839	3.62	ng/uL	0.01
5) Phenol-d5	6.78	99	91772	7.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	226887	30.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	221890	26.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	162187	16.81	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	139260	31.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	153365	32.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	268248	28.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	27163	2.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	1082952	33.62	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1191527	33.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	48158	7.37	ng/ul	0.00
57) Fluorene-d10	15.20	176	940920	34.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	150457	26.05	ng/ul	0.00
70) Anthracene-d10	17.05	188	1659873	35.08	ng/ul	0.00
78) Pyrene-d10	19.35	212	2149633	31.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.18	264	3362047	34.08	ng/ul	0.00

Target Compounds

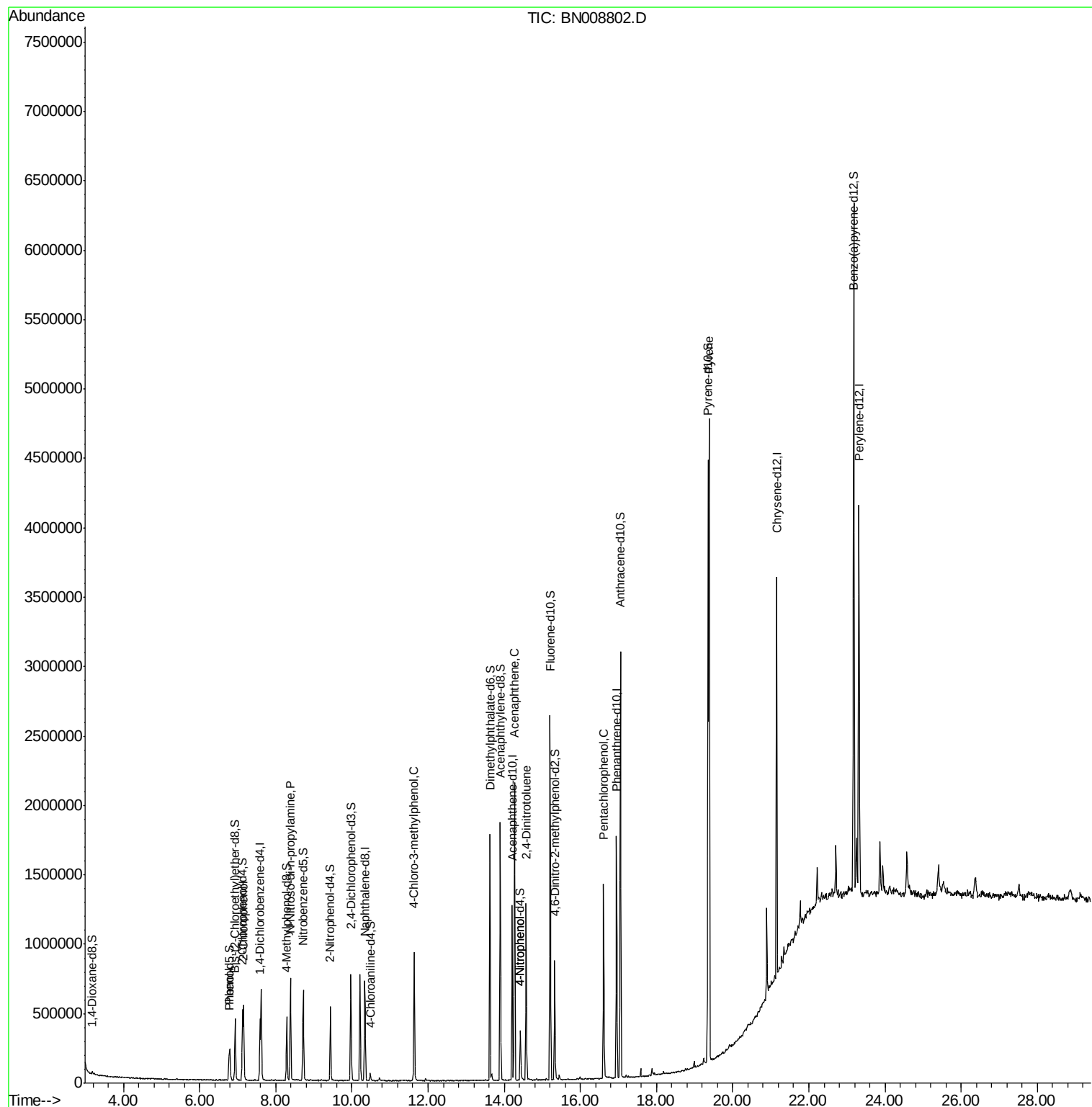
					Ovalue
6) Phenol	6.80	94	108508	8.587	ng/ul 96
10) 2-Chlorophenol	7.16	128	223852	25.695	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.38	70	250699	30.745	ng/ul 95
33) 4-Chloro-3-methylphenol	11.63	107	318370	26.930	ng/ul 97
49) Acenaphthene	14.27	153	822452	32.022	ng/ul 98
52) 4-Nitrophenol	14.43	109	39093	7.747	ng/ul 98
54) 2,4-Dinitrotoluene	14.57	165	295128	32.040	ng/ul 99
68) Pentachlorophenol	16.61	266	214945	30.719	ng/ul 96
79) Pvrene	19.38	202	2636334	30.353	ng/ul 99

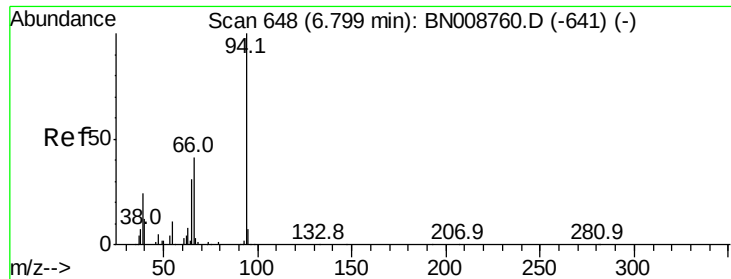
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 8.587 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BN008802.D

Acq: 28 Nov 2019 17:45

Instrument :

BNA_N

ClientSampleId :

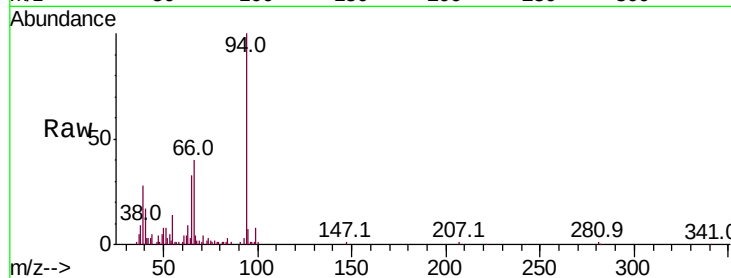
Tot Ion: 94 Resp: 108508

Ion Ratio Lower Upper

94 100

65 32.9 25.4 38.0

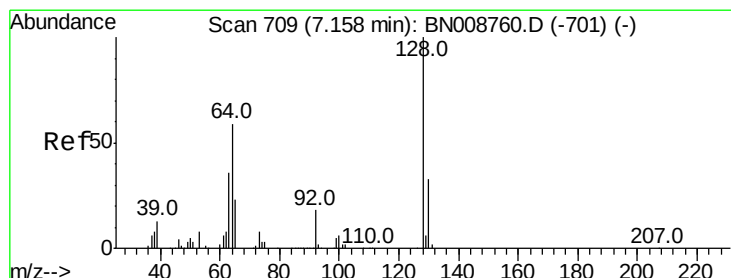
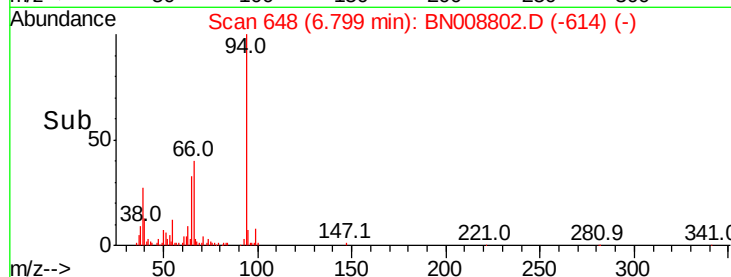
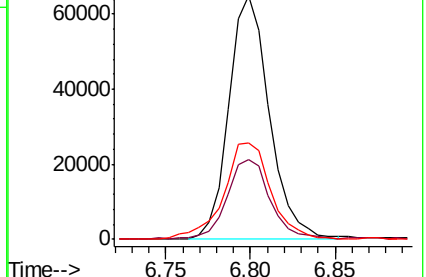
66 39.5 34.2 51.4



Abundance Ion 94.00 (93.70 to 94.70): BN008760.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BN008760.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BN008760.D (-641) (-)



#10

2-Chlorophenol

Concen: 25.695 ng/ul

RT: 7.16 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN008802.D

Acq: 28 Nov 2019 17:45

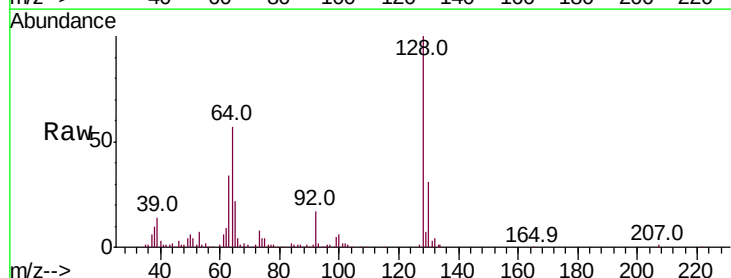
Tgt Ion:128 Resp: 223852

Ion Ratio Lower Upper

128 100

64 57.3 48.9 73.3

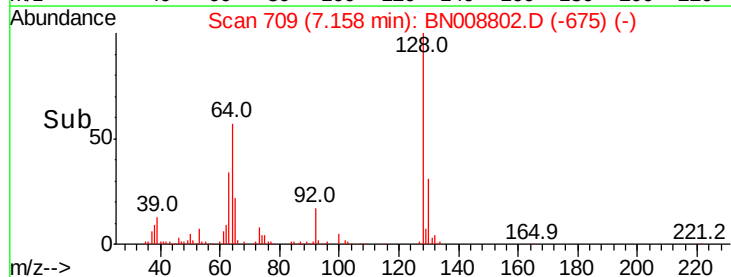
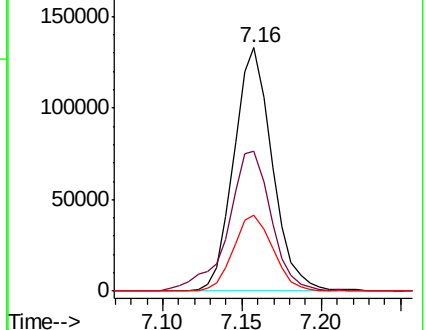
130 31.0 25.7 38.5

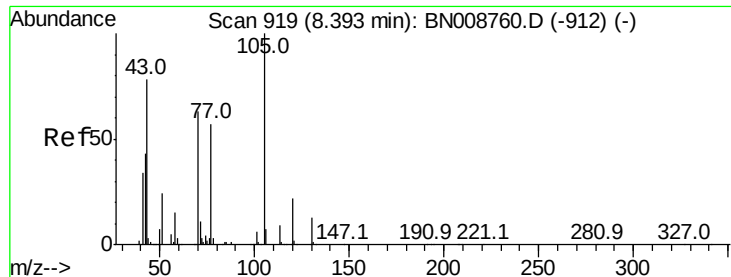


Abundance Ion 128.00 (127.70 to 128.70): BN008760.D (-701) (-)

Ion 64.00 (63.70 to 64.70): BN008760.D (-701) (-)

Ion 130.00 (129.70 to 130.70): BN008760.D (-701) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 30.745 ng/ul

RT: 8.38 min Scan# 917

Delta R.T. -0.01 min

Lab File: BN008802.D

Acq: 28 Nov 2019 17:45

Instrument :

BNA_N

ClientSampled :

Tot Ion: 70 Resp: 250699

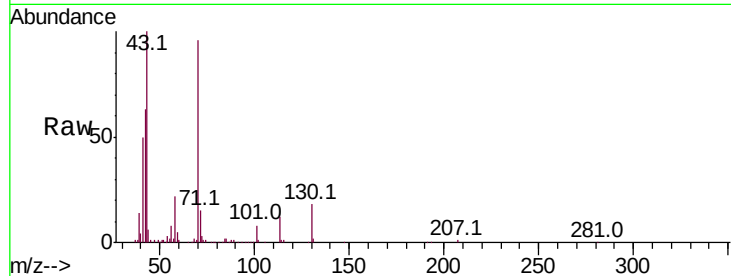
Ion Ratio Lower Upper

70 100

42 64.9 55.1 82.7

101 8.3 7.5 11.3

130 18.5 16.4 24.6



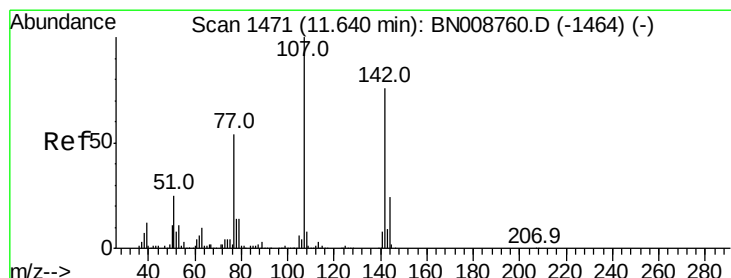
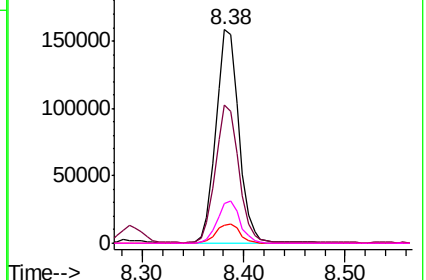
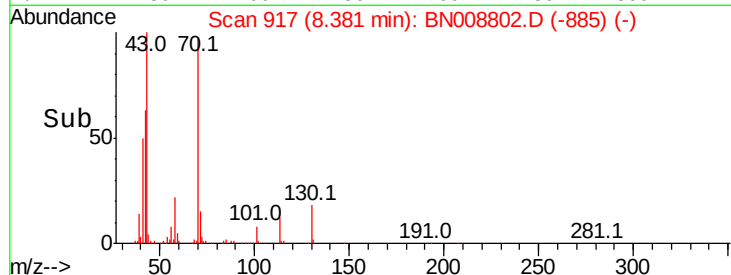
Abundance Ion 70.00 (69.70 to 70.70): BN008802.D (-885) (-)

250000

Ion 42.00 (41.70 to 42.70): BN008802.D (-885) (-)

Ion 101.00 (100.70 to 101.70): BN008802.D (-885) (-)

Ion 130.00 (129.70 to 130.70): BN008802.D (-885) (-)



#33

4-Chloro-3-methylphenol

Concen: 26.930 ng/ul

RT: 11.63 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BN008802.D

Acq: 28 Nov 2019 17:45

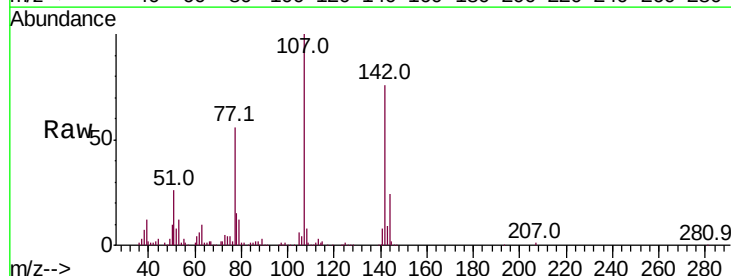
Tgt Ion: 107 Resp: 318370

Ion Ratio Lower Upper

107 100

144 24.3 19.5 29.3

142 76.2 58.6 87.8

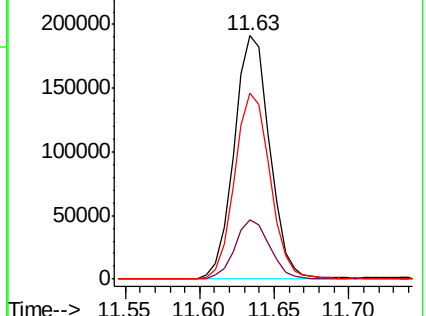
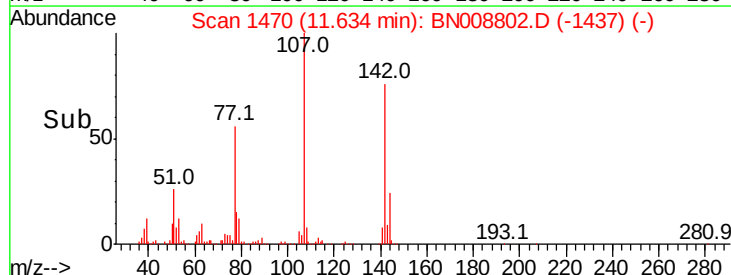


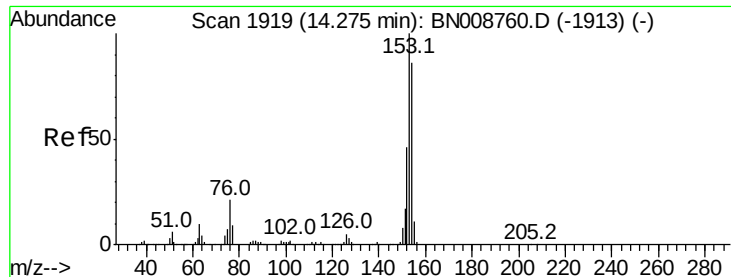
Abundance Ion 107.00 (106.70 to 107.70): BN008802.D (-1437) (-)

250000

Ion 144.00 (143.70 to 144.70): BN008802.D (-1437) (-)

Ion 142.00 (141.70 to 142.70): BN008802.D (-1437) (-)





#49

Acenaphthene

Concen: 32.022 ng/ul

RT: 14.27 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BN008802.D

Acq: 28 Nov 2019 17:45

Instrument :

BNA_N

ClientSampleId :

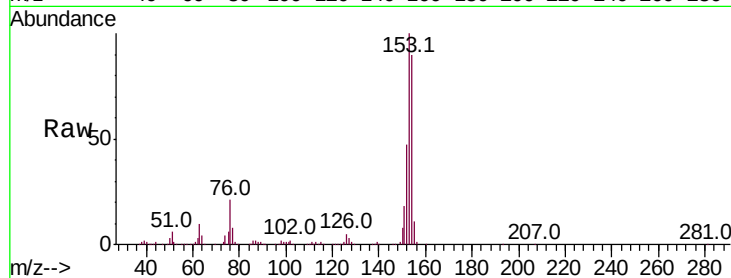
Tot Ion:153 Resp: 822452

Ion Ratio Lower Upper

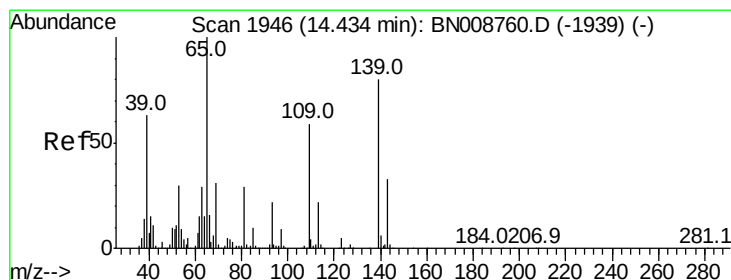
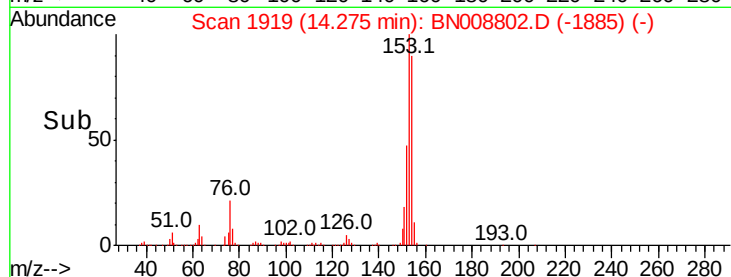
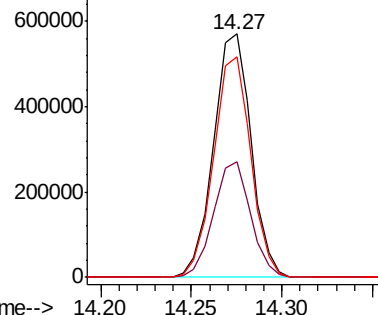
153 100

152 47.2 36.8 55.2

154 90.5 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



#52

4-Nitrophenol

Concen: 7.747 ng/ul

RT: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BN008802.D

Acq: 28 Nov 2019 17:45

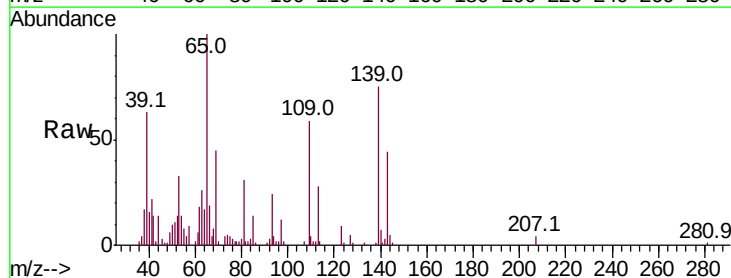
Tgt Ion:109 Resp: 39093

Ion Ratio Lower Upper

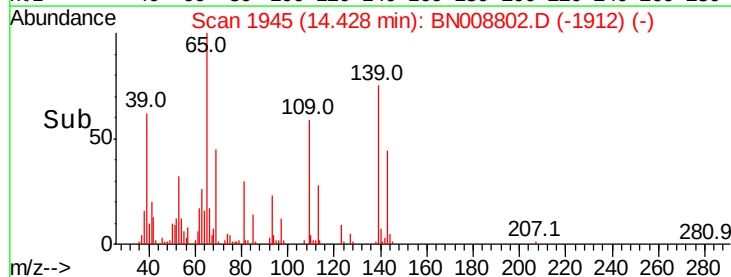
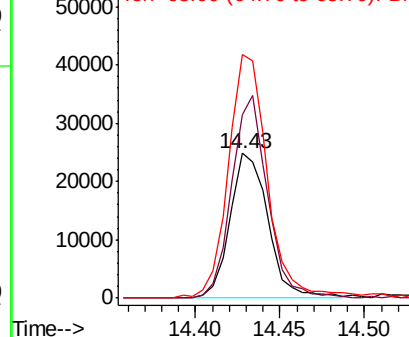
109 100

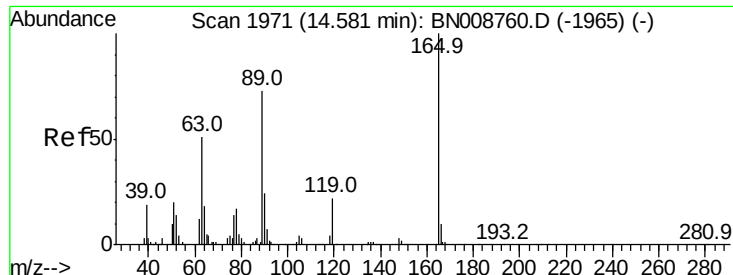
139 126.7 106.2 159.2

65 168.5 135.2 202.8



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





#54

2,4-Dinitrotoluene

Concen: 32.040 ng/ul

RT: 14.57 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BN008802.D

Acq: 28 Nov 2019 17:45

Instrument :

BNA_N

ClientSampled :

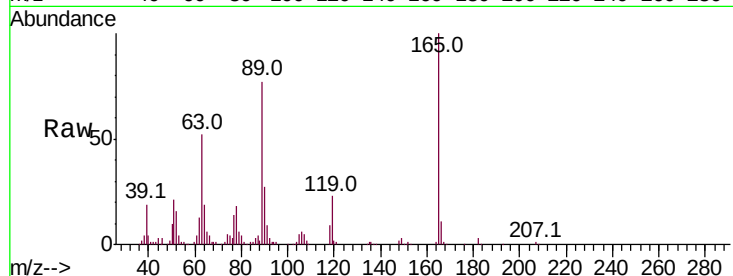
Tot Ion:165 Resp: 295128

Ion Ratio Lower Upper

165 100

63 51.9 41.0 61.6

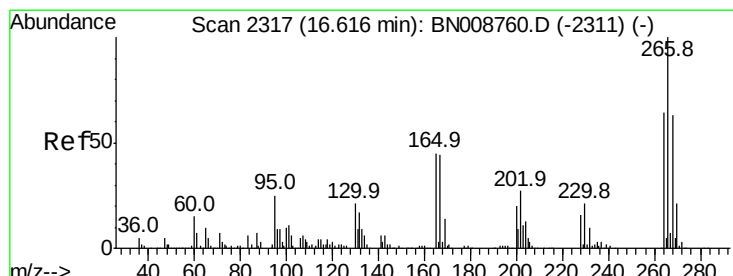
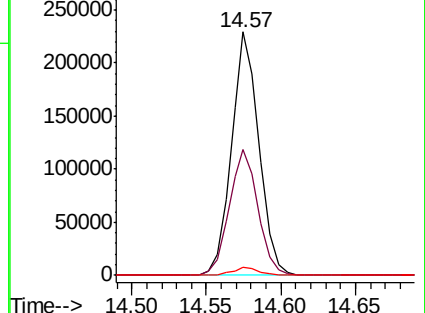
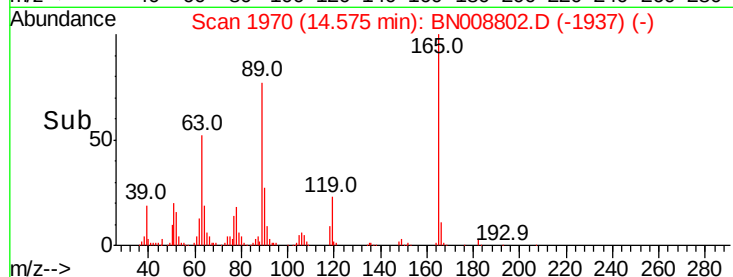
182 3.2 2.4 3.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 182.00 (181.70 to 182.70): E



#68

Pentachlorophenol

Concen: 30.719 ng/ul

RT: 16.61 min Scan# 2316

Delta R.T. -0.01 min

Lab File: BN008802.D

Acq: 28 Nov 2019 17:45

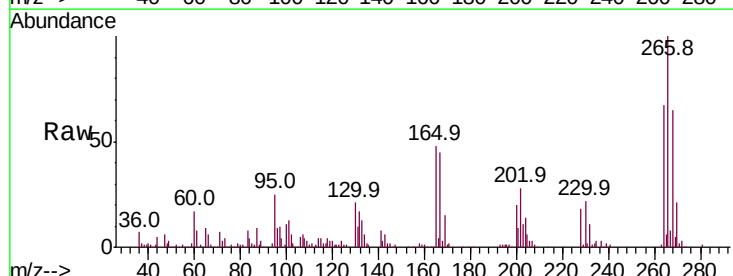
Tgt Ion:266 Resp: 214945

Ion Ratio Lower Upper

266 100

264 67.0 52.1 78.1

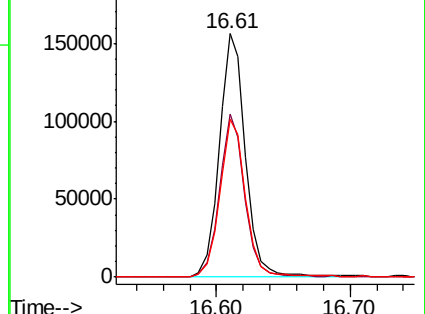
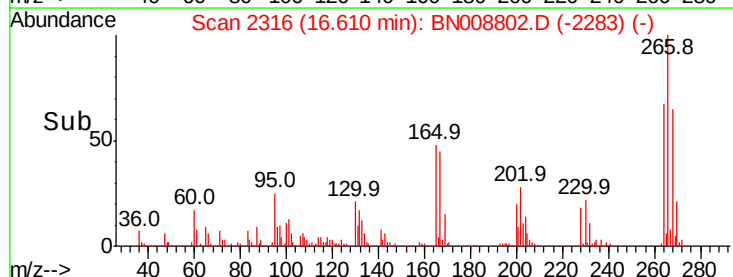
268 64.7 48.4 72.6

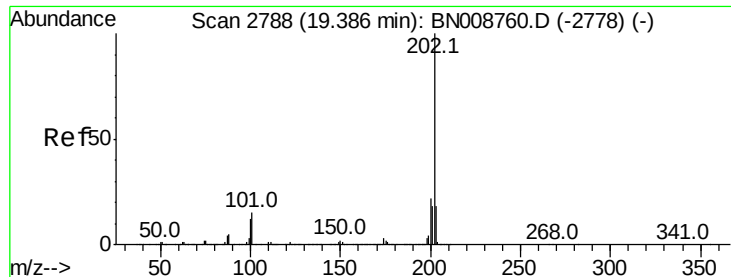


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#79

Pvrene

Concen: 30.353 ng/ul

RT: 19.38 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BN008802.D

Acq: 28 Nov 2019 17:45

Instrument :

BNA_N

ClientSampleId :

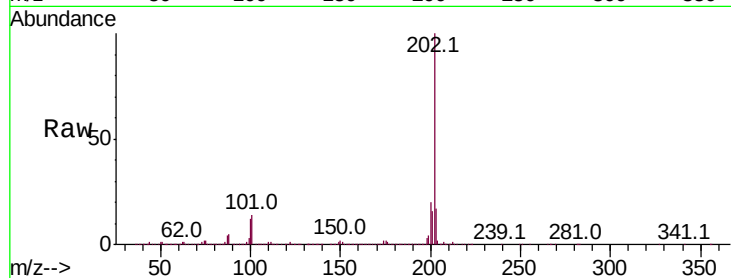
Tot Ion:202 Resp: 2636334

Ion Ratio Lower Upper

202 100

101 14.1 11.8 17.6

100 12.4 9.6 14.4



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

