

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009587.D
 Acq On : 05 Feb 2020 05:27
 Operator : CG/JU
 Sample : L1323-08MSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 05 06:39:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 05 02:53:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	159845	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.19	136	654993	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	422358	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	879513	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	820109	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	871896	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	8617	2.21	ng/uL	0.00
5) Phenol-d5	6.63	99	164382	11.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	116951	12.49	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	130630	12.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	114365	10.30	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	61652	12.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	62970	11.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	121574	11.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	154607	14.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	398868	12.94	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	465043	12.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	54716	9.40	ng/ul	0.00
57) Fluorene-d10	15.07	176	351449	12.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	41670	7.59	ng/ul	0.00
70) Anthracene-d10	16.93	188	550602	13.78	ng/ul	0.00
78) Pyrene-d10	19.23	212	635745	14.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	623593	14.53	ng/ul	0.00

Target Compounds

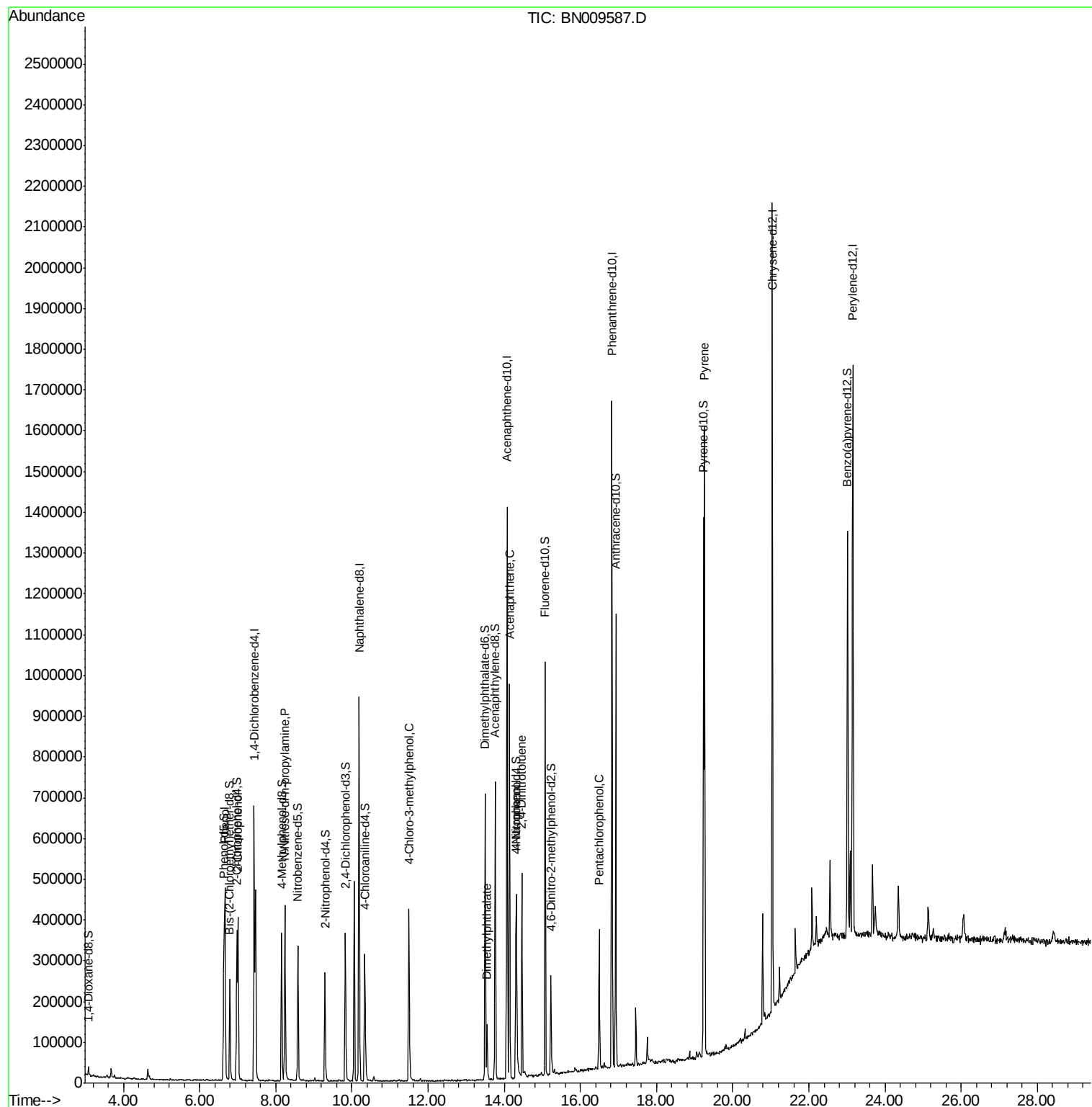
					Ovalue
6) Phenol	6.66	94	199772	13.409	ng/ul 97
10) 2-Chlorophenol	7.01	128	137682	12.932	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.24	70	114083	12.127	ng/ul 95
33) 4-Chloro-3-methylphenol	11.49	107	144617	12.003	ng/ul 97
44) Dimethylphthalate	13.55	163	79429	2.427	ng/ul 97
49) Acenaphthene	14.14	153	347639	12.543	ng/ul 99
52) 4-Nitrophenol	14.32	109	60302	11.574	ng/ul 87
54) 2,4-Dinitrotoluene	14.46	165	112266	11.981	ng/ul 93
68) Pentachlorophenol	16.49	266	51597	9.003	ng/ul 98
79) Pyrene	19.26	202	808681	13.508	ng/ul 98

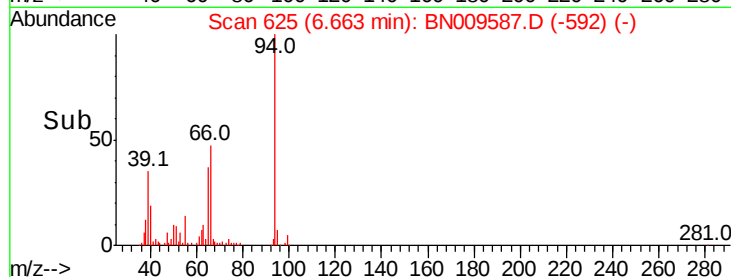
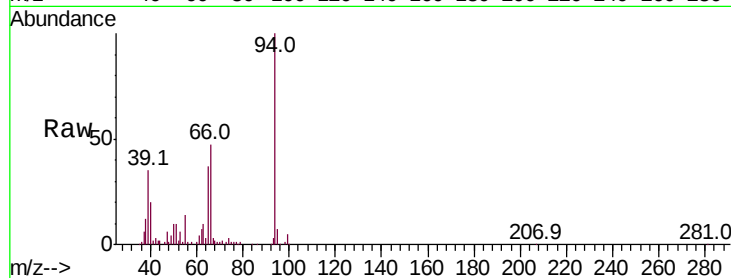
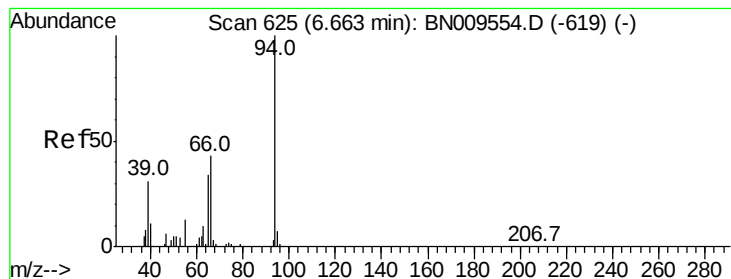
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 13.409 ng/ul

RT: 6.66 min Scan# 625

Delta R.T. -0.01 min

Lab File: BN009587.D

Acq: 05 Feb 2020 05:27

Instrument :

BNA_N

ClientSampleId :

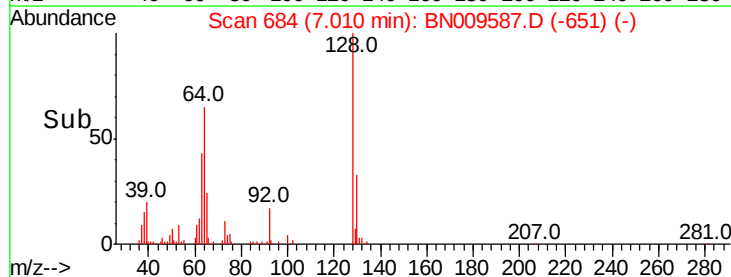
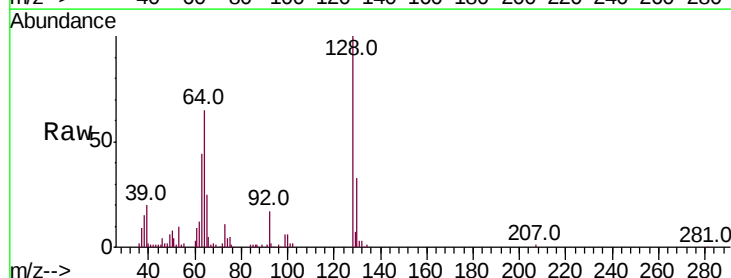
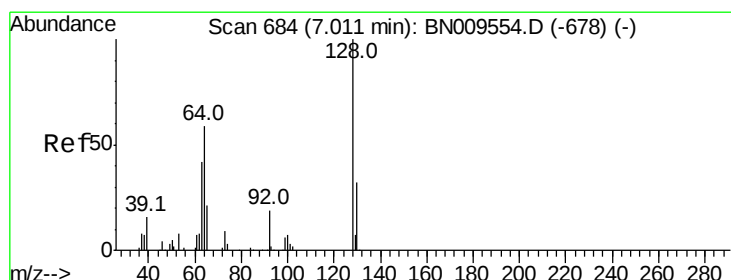
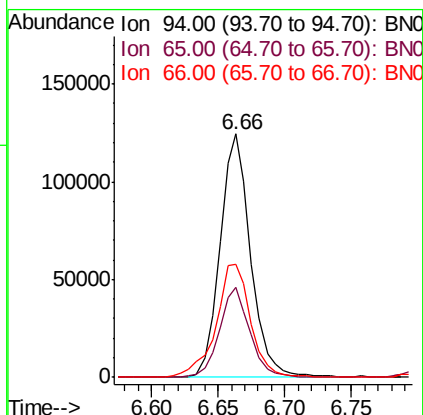
Tot Ion: 94 Resp: 199772

Ion Ratio Lower Upper

94 100

65 36.7 29.8 44.6

66 46.7 39.5 59.3



#10

2-Chlorophenol

Concen: 12.932 ng/ul

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN009587.D

Acq: 05 Feb 2020 05:27

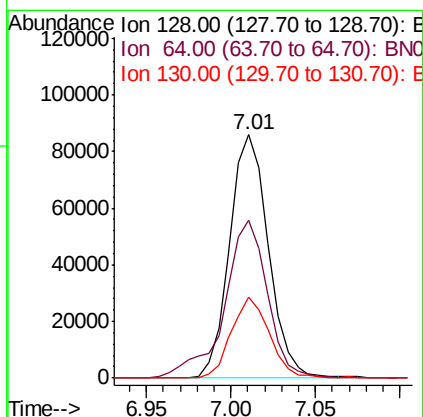
Tgt Ion: 128 Resp: 137682

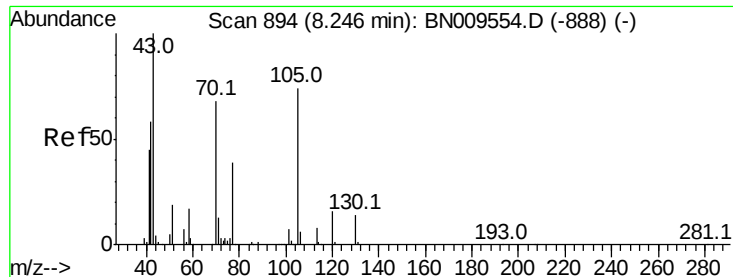
Ion Ratio Lower Upper

128 100

64 64.7 51.6 77.4

130 33.4 25.5 38.3





#15

N-Nitroso-di-n-propylamine

Concen: 12.127 ng/ul

RT: 8.24 min Scan# 893

Delta R.T. -0.01 min

Lab File: BN009587.D

Acq: 05 Feb 2020 05:27

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 114083

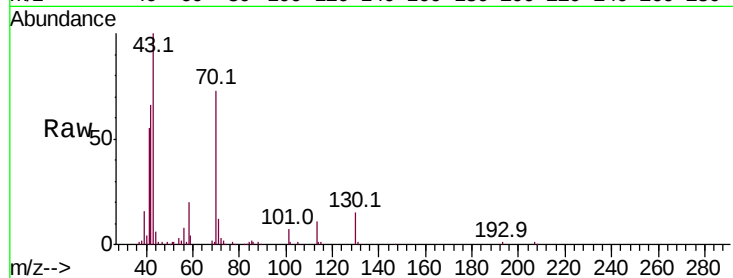
Ion Ratio Lower Upper

70 100

42 90.2 68.3 102.5

101 9.8 7.4 11.0

130 19.9 14.2 21.2

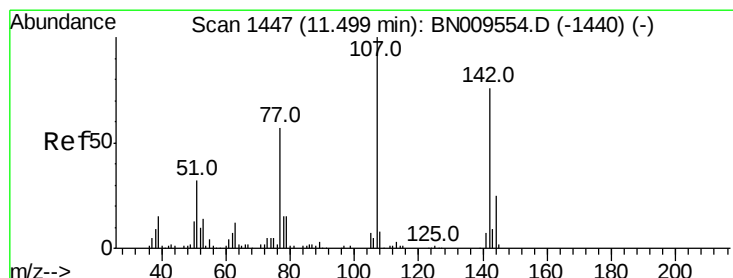
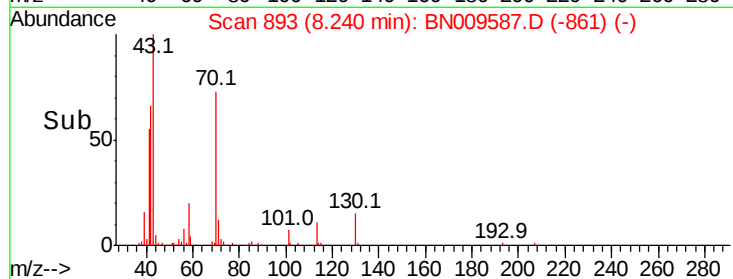
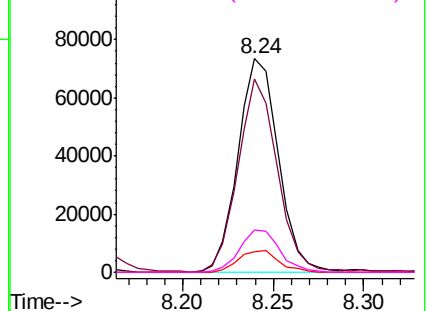


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 12.003 ng/ul

RT: 11.49 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BN009587.D

Acq: 05 Feb 2020 05:27

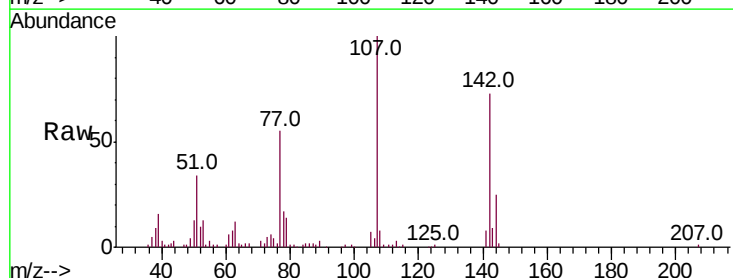
Tgt Ion:107 Resp: 144617

Ion Ratio Lower Upper

107 100

144 24.5 19.2 28.8

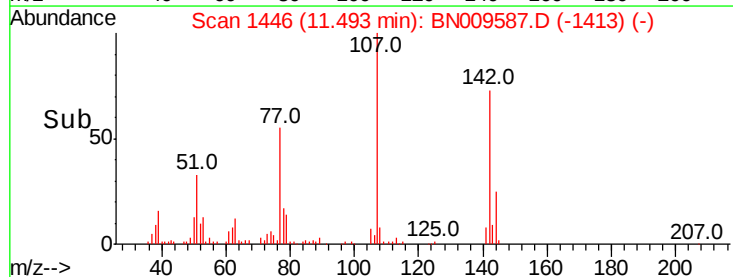
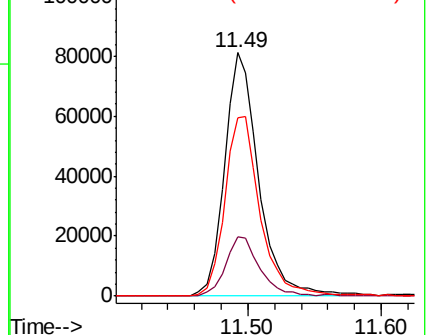
142 73.3 61.3 91.9

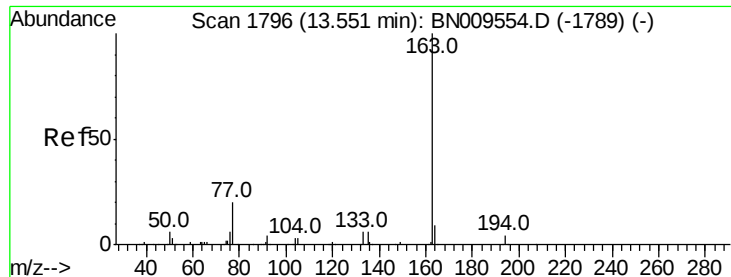


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

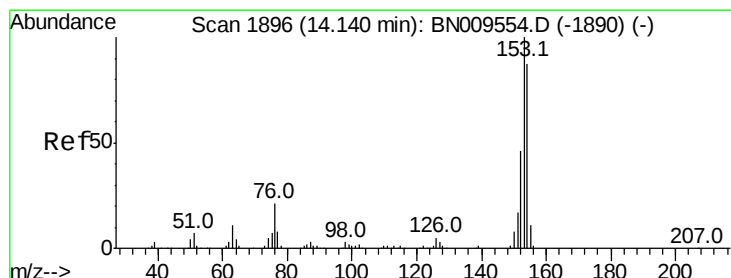
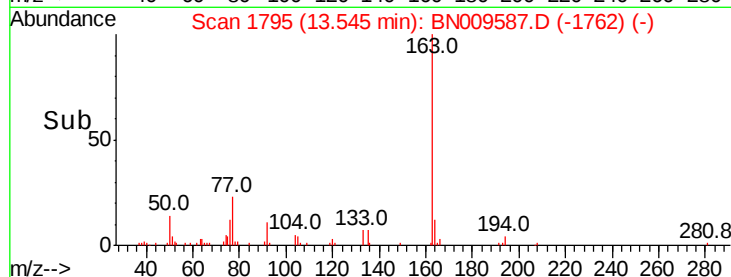
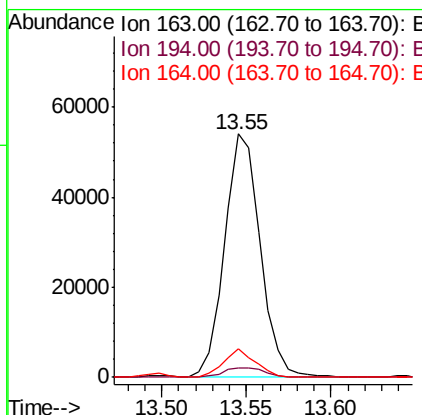
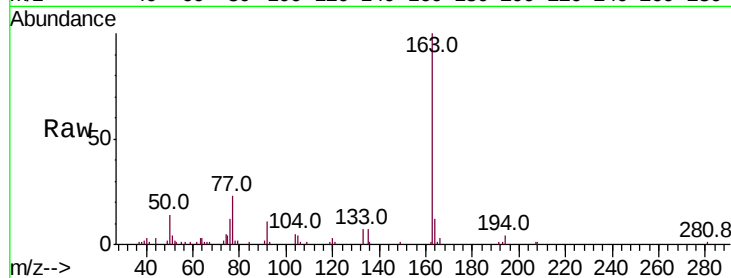




#44
Dimethylphthalate
Concen: 2.427 ng/ul
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BN009587.D
Acq: 05 Feb 2020 05:27

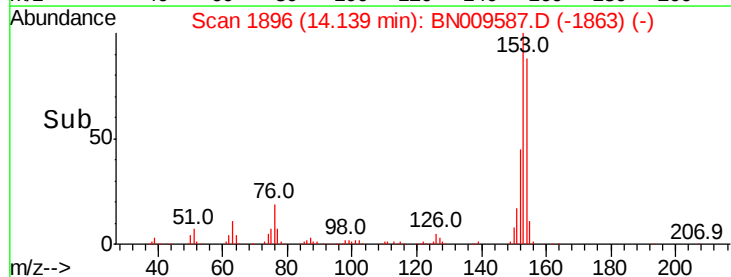
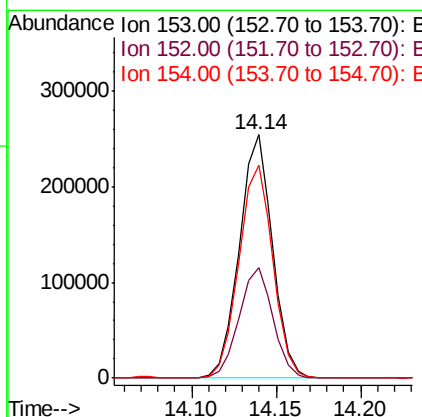
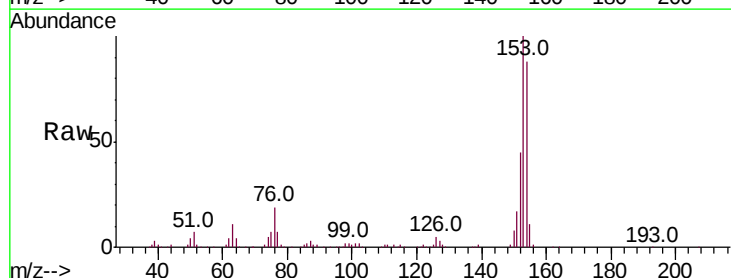
Instrument :
BNA_N
ClientSampleId :

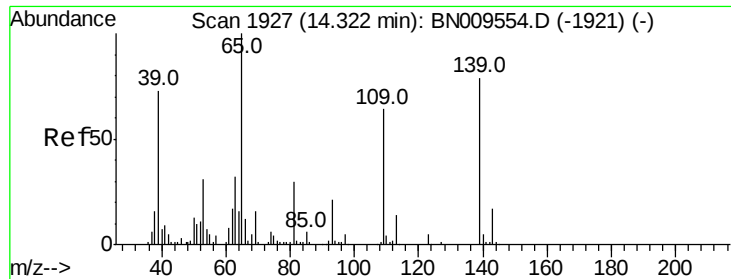
Tot Ion:163 Resp: 79429
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 11.6 8.0 12.0



#49
Acenaphthene
Concen: 12.543 ng/ul
RT: 14.14 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BN009587.D
Acq: 05 Feb 2020 05:27

Tgt Ion:153 Resp: 347639
Ion Ratio Lower Upper
153 100
152 45.4 37.3 55.9
154 87.7 70.2 105.2





#52

4-Nitrophenol

Concen: 11.574 ng/ul

RT: 14.32 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BN009587.D

Acq: 05 Feb 2020 05:27

Instrument :

BNA_N

ClientSampleId :

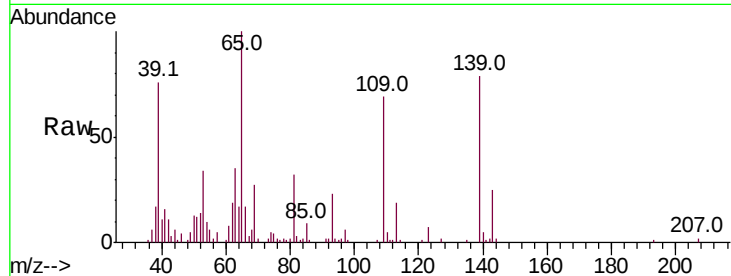
Tot Ion:109 Resp: 60302

Ion Ratio Lower Upper

109 100

139 114.3 97.4 146.2

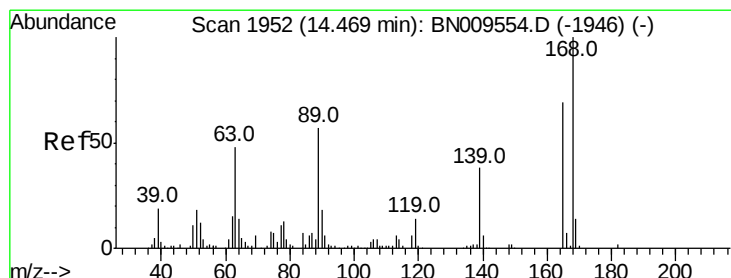
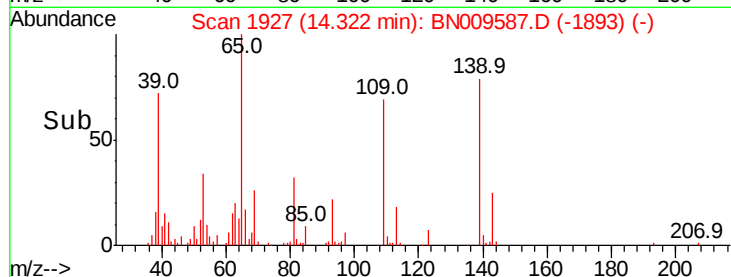
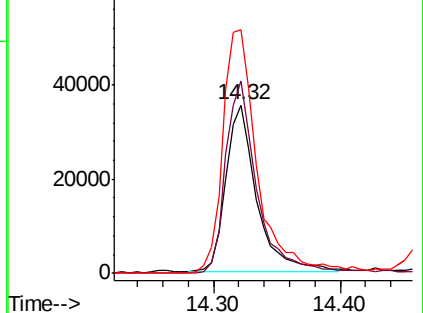
65 144.6 134.6 201.8



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: 11.981 ng/ul

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BN009587.D

Acq: 05 Feb 2020 05:27

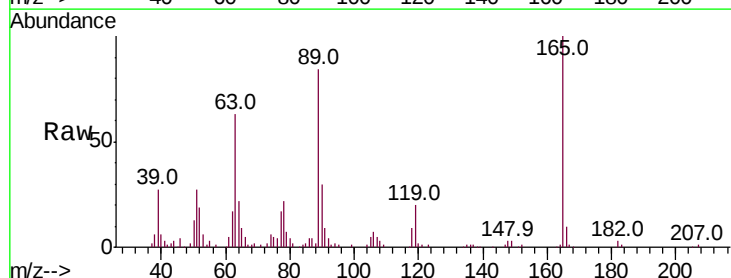
Tgt Ion:165 Resp: 112266

Ion Ratio Lower Upper

165 100

63 62.6 55.0 82.4

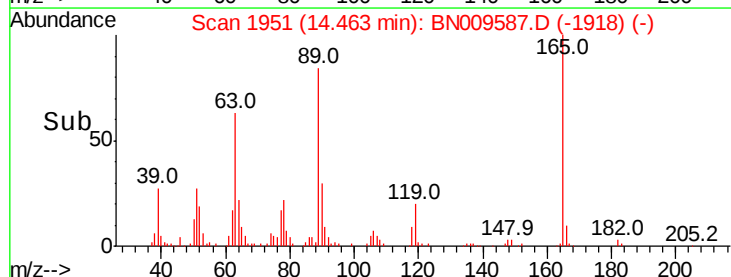
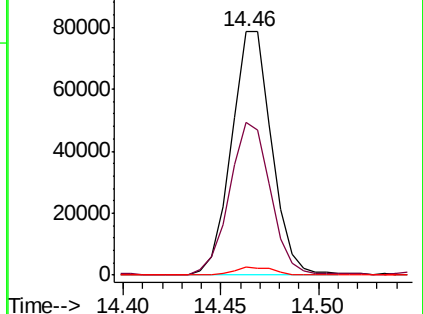
182 3.1 2.4 3.6

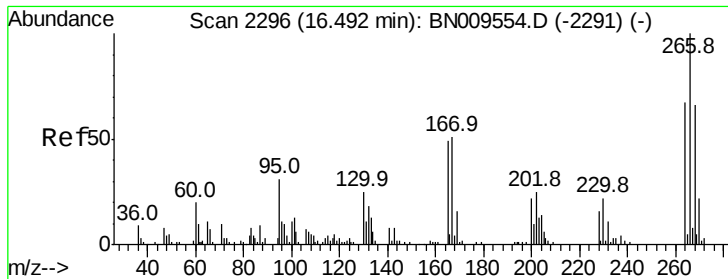


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

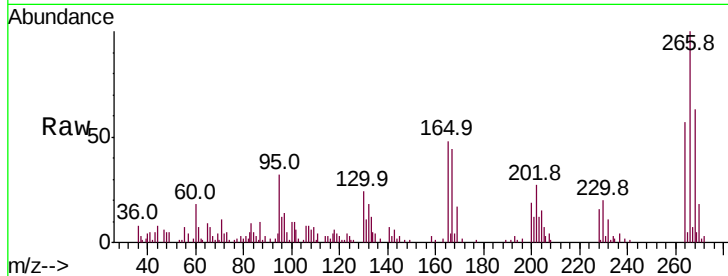




#68
 Pentachlorophenol
 Concen: 9.003 ng/ul
 RT: 16.49 min Scan# 2296
 Delta R.T. -0.01 min
 Lab File: BN009587.D
 Acq: 05 Feb 2020 05:27

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
264	57.2	48.1	72.1
268	63.3	50.4	75.6

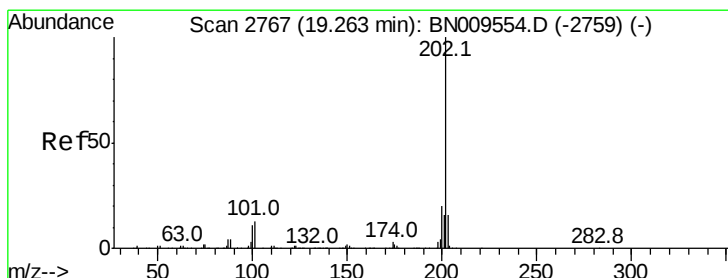
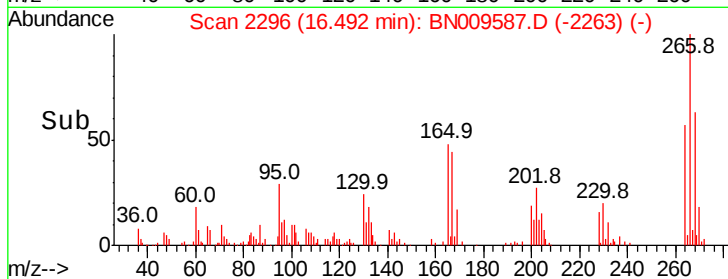
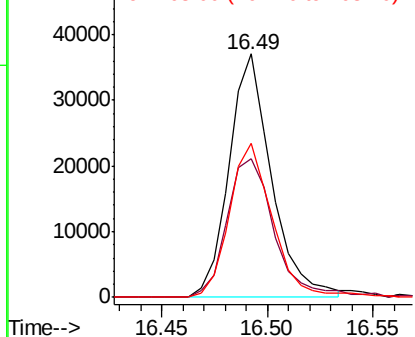


Abundance

Ion 265.70 (265.40 to 266.40): E

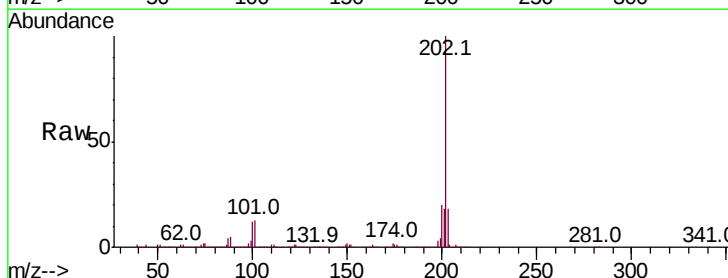
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 13.508 ng/ul
 RT: 19.26 min Scan# 2767
 Delta R.T. -0.01 min
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.3	15.5
100	11.6	8.4	12.6



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

