

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009586.D
 Acq On : 05 Feb 2020 04:52
 Operator : CG/JU
 Sample : L1323-07MS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 05 05:36:51 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	157451	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.19	136	658474	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	415980	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	876695	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	796548	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	905398	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	9440	2.46	ng/uL	0.00
5) Phenol-d5	6.63	99	187754	13.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	135525	14.69	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	149216	14.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	136594	12.49	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	69891	14.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	76743	14.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	143654	14.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	186438	16.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	472549	15.56	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	550627	15.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	67717	11.81	ng/ul	0.00
57) Fluorene-d10	15.07	176	413878	15.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	52479	9.58	ng/ul	0.00
70) Anthracene-d10	16.93	188	641633	16.11	ng/ul	0.00
78) Pyrene-d10	19.23	212	749532	17.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	752664	16.88	ng/ul	0.00

Target Compounds

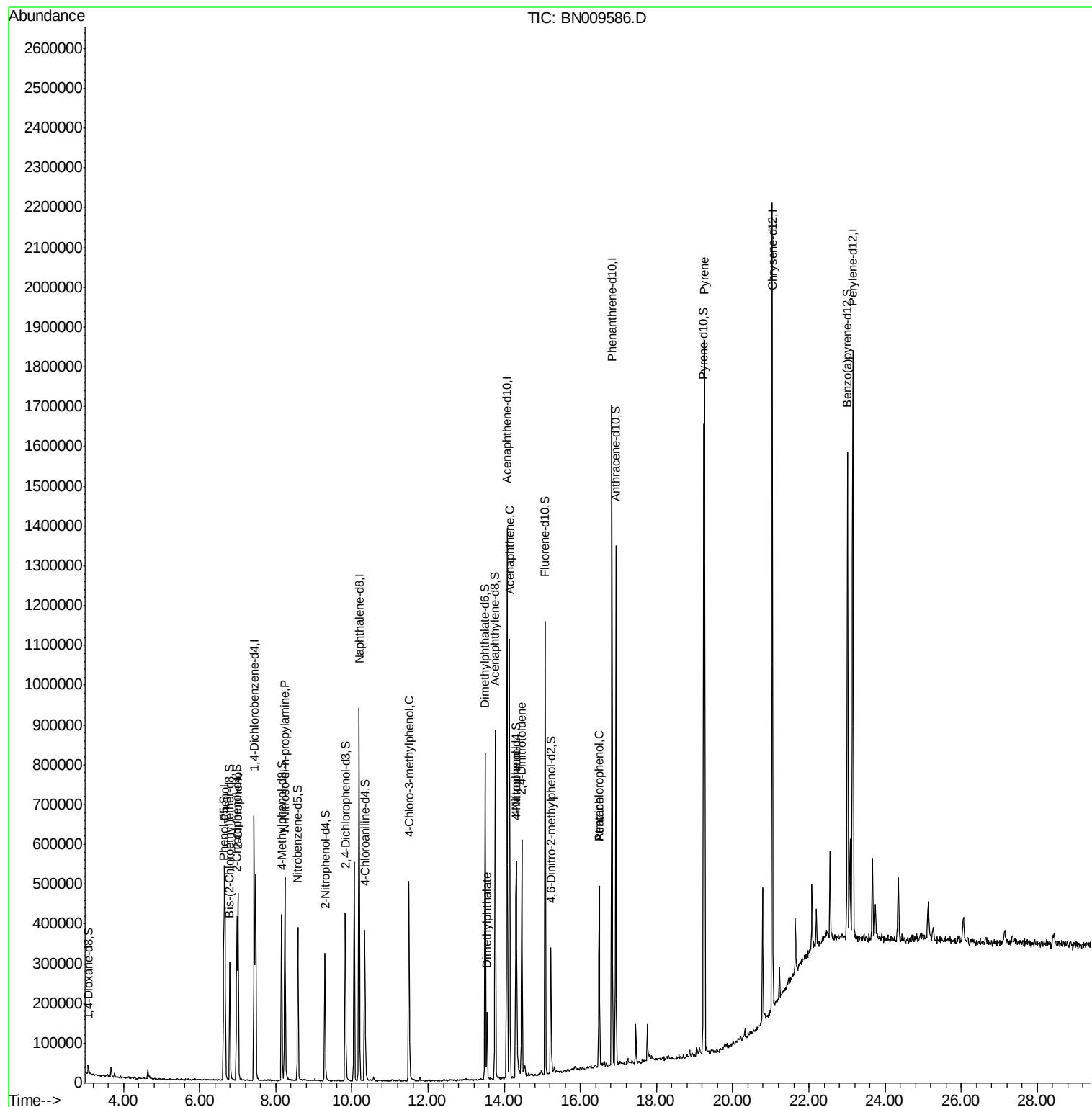
					Ovalue
6) Phenol	6.66	94	231755	15.792	ng/ul 96
10) 2-Chlorophenol	7.01	128	157573	15.026	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.24	70	136250	14.703	ng/ul 99
33) 4-Chloro-3-methylphenol	11.49	107	168297	13.895	ng/ul 99
44) Dimethylphthalate	13.55	163	93769	2.910	ng/ul 100
49) Acenaphthene	14.14	153	393456	14.414	ng/ul 96
52) 4-Nitrophenol	14.32	109	66607	12.981	ng/ul 88
54) 2,4-Dinitrotoluene	14.46	165	134445	14.568	ng/ul 91
67) Atrazine	16.49	200	13475	1.402	ng/ul# 33
68) Pentachlorophenol	16.49	266	70166	12.282	ng/ul 95
79) Pyrene	19.26	202	973798	16.747	ng/ul 97

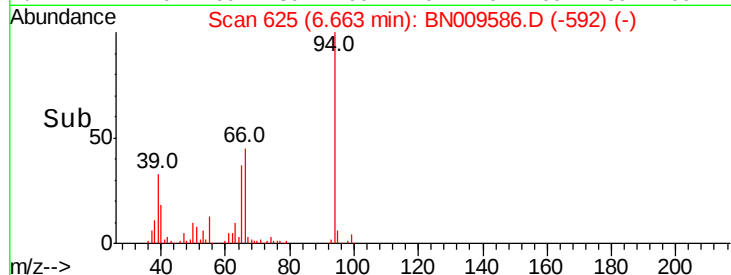
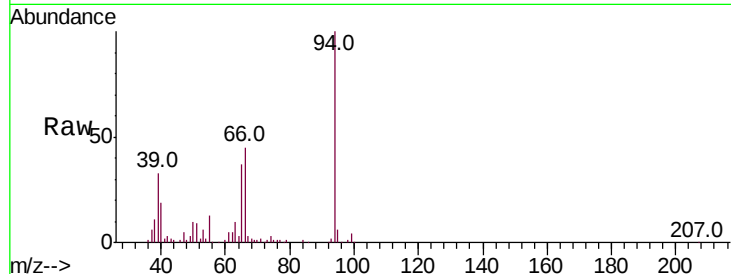
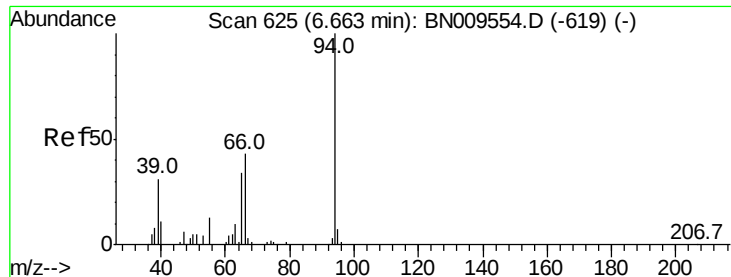
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 15.792 ng/ul

RT: 6.66 min Scan# 625

Delta R.T. -0.01 min

Lab File: BN009586.D

Acq: 05 Feb 2020 04:52

Instrument :

BNA_N

ClientSampleId :

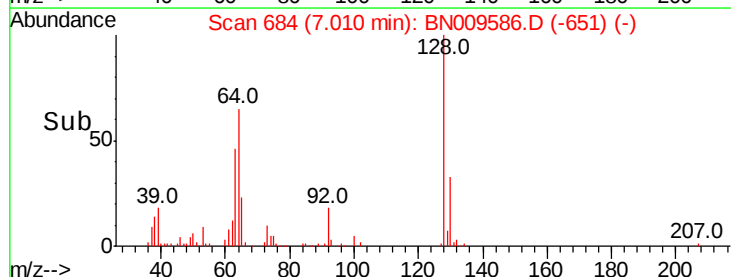
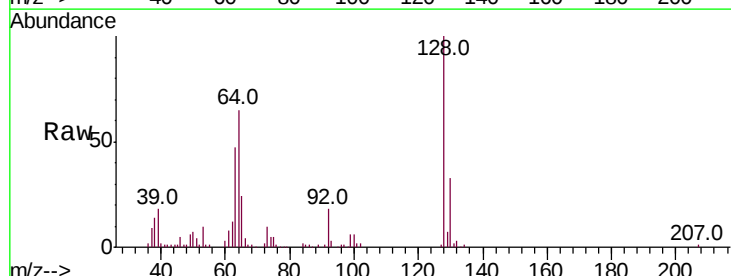
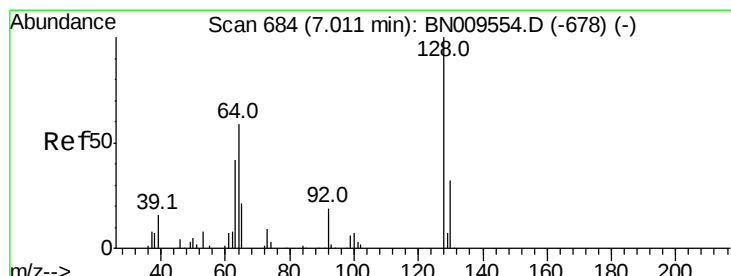
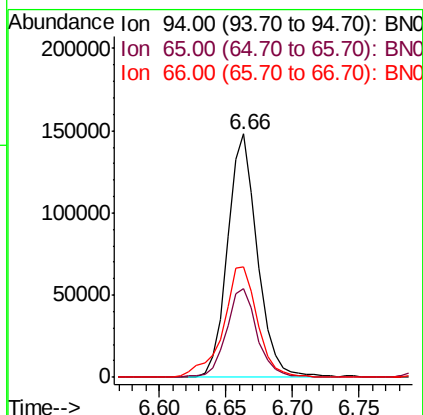
Tot Ion: 94 Resp: 231755

Ion Ratio Lower Upper

94 100

65 36.6 29.8 44.6

66 45.1 39.5 59.3



#10

2-Chlorophenol

Concen: 15.026 ng/ul

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN009586.D

Acq: 05 Feb 2020 04:52

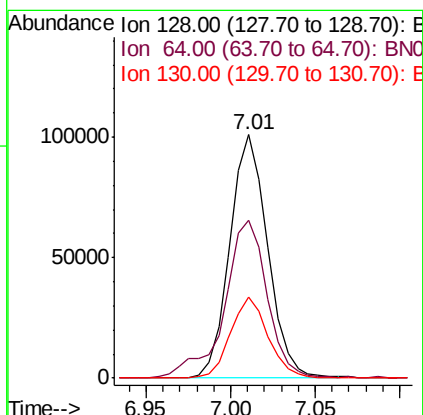
Tgt Ion:128 Resp: 157573

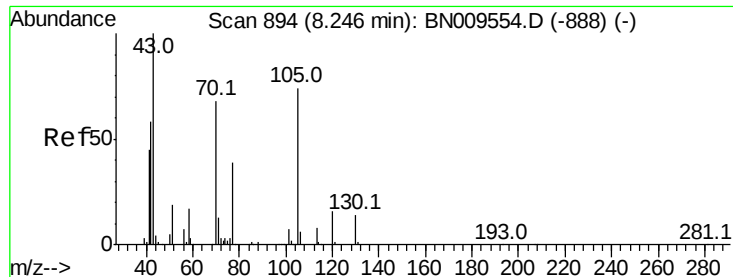
Ion Ratio Lower Upper

128 100

64 65.0 51.6 77.4

130 33.5 25.5 38.3

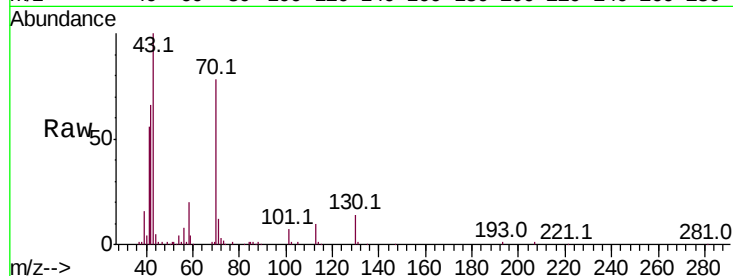




#15
N-Nitroso-di-n-propylamine
Concen: 14.703 ng/ul
RT: 8.24 min Scan# 893
Delta R.T. -0.01 min
Lab File: BN009586.D
Acq: 05 Feb 2020 04:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	84.1	68.3	102.5
101	9.3	7.4	11.0
130	17.9	14.2	21.2

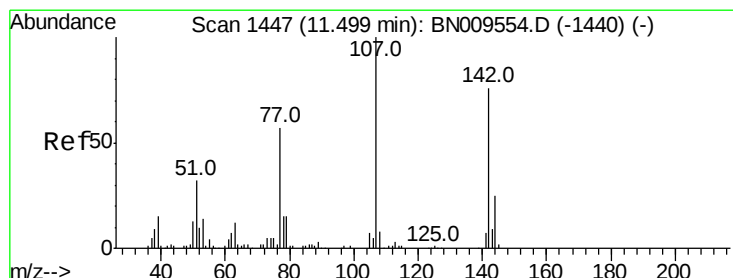
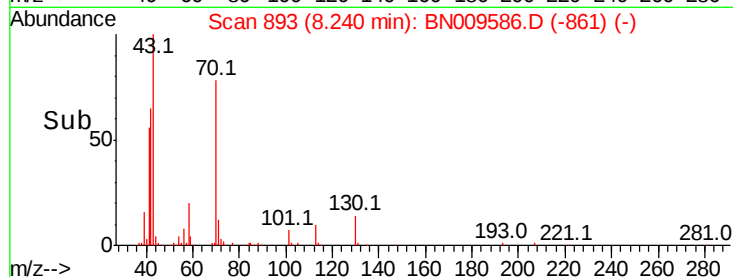
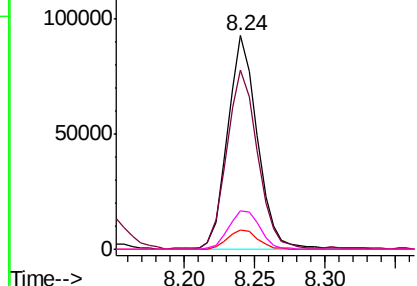


Abundance Ion 70.00 (69.70 to 70.70): BN009554.D (-888) (-)

Ion 42.00 (41.70 to 42.70): BN009554.D (-888) (-)

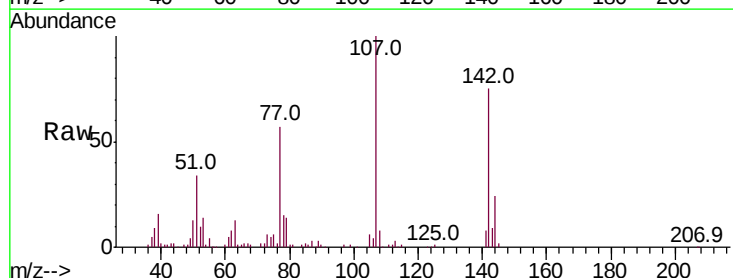
Ion 101.00 (100.70 to 101.70): BN009554.D (-888) (-)

Ion 130.00 (129.70 to 130.70): BN009554.D (-888) (-)



#33
4-Chloro-3-methylphenol
Concen: 13.895 ng/ul
RT: 11.49 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BN009586.D
Acq: 05 Feb 2020 04:52

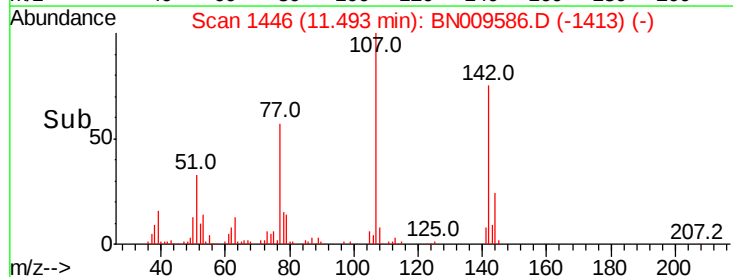
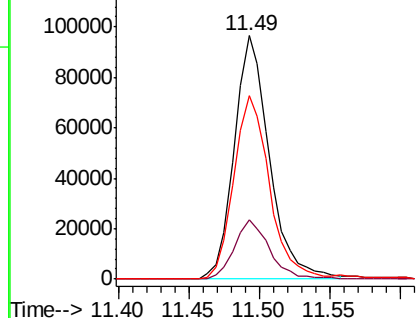
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.2	28.8
142	75.3	61.3	91.9

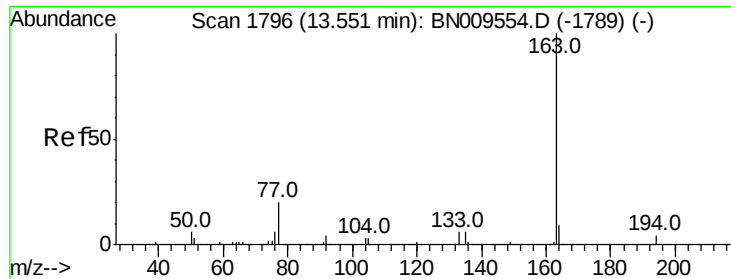


Abundance Ion 107.00 (106.70 to 107.70): BN009554.D (-1440) (-)

Ion 144.00 (143.70 to 144.70): BN009554.D (-1440) (-)

Ion 142.00 (141.70 to 142.70): BN009554.D (-1440) (-)

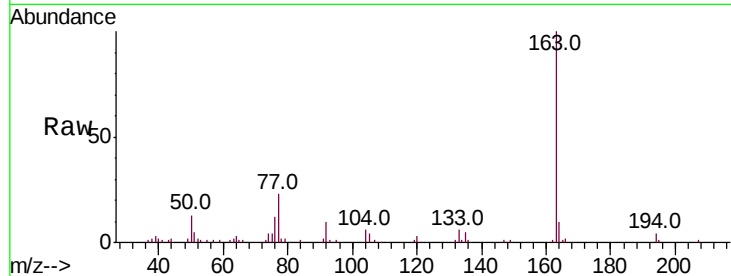




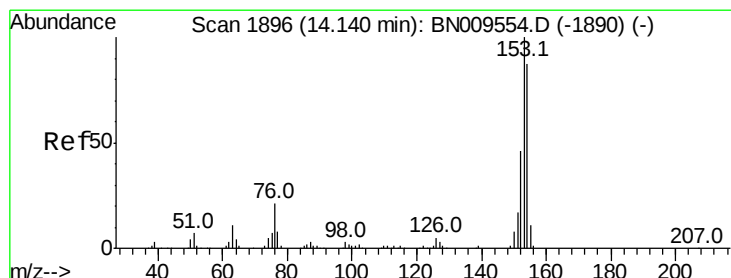
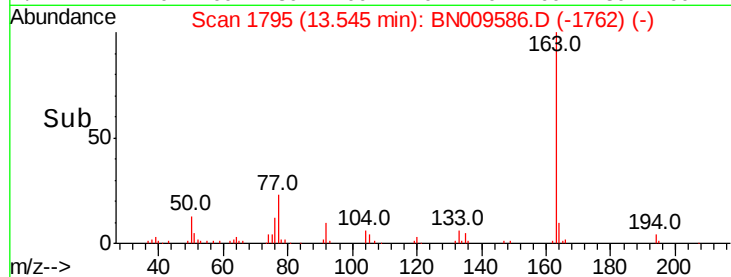
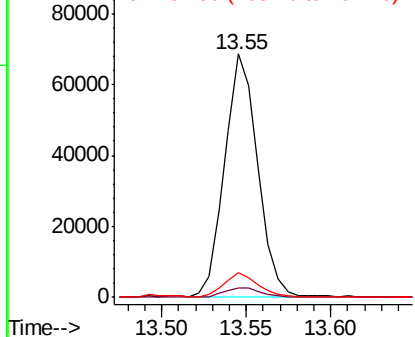
#44
Dimethylphthalate
Concen: 2.910 ng/ul
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BN009586.D
Acq: 05 Feb 2020 04:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	9.9	8.0	12.0

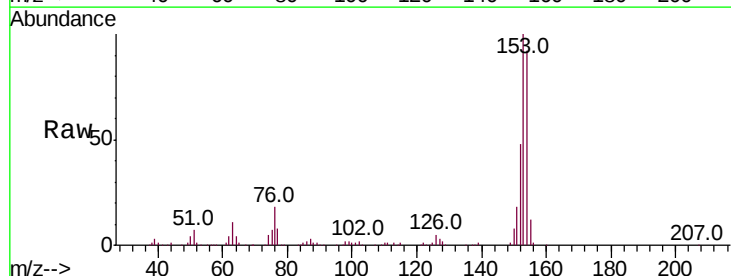


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

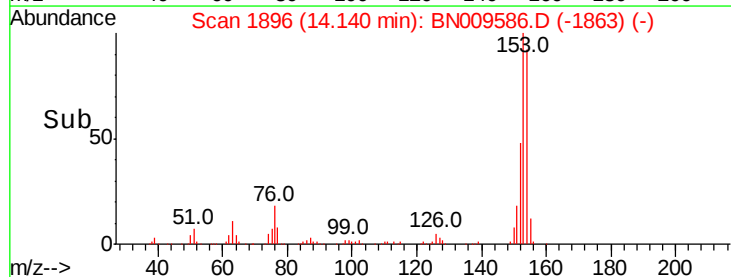
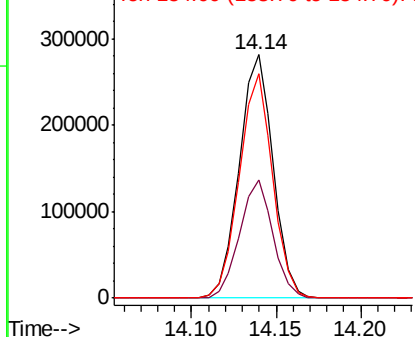


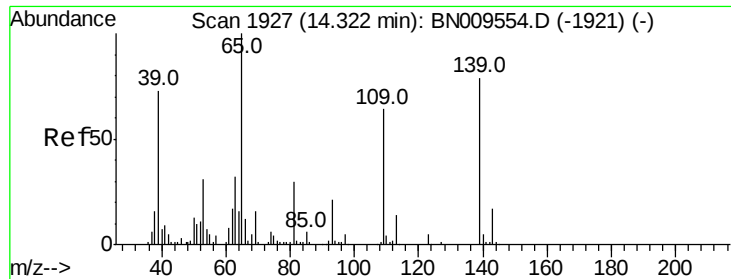
#49
Acenaphthene
Concen: 14.414 ng/ul
RT: 14.14 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BN009586.D
Acq: 05 Feb 2020 04:52

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.3	37.3	55.9
154	92.3	70.2	105.2



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: 12.981 ng/ul

RT: 14.32 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BN009586.D

Acq: 05 Feb 2020 04:52

Instrument :

BNA_N

ClientSampled :

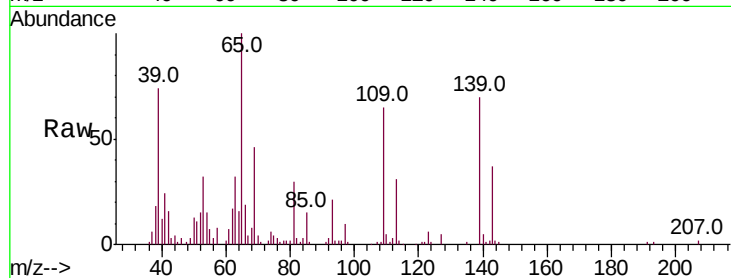
Tot Ion:109 Resp: 66607

Ion Ratio Lower Upper

109 100

139 107.1 97.4 146.2

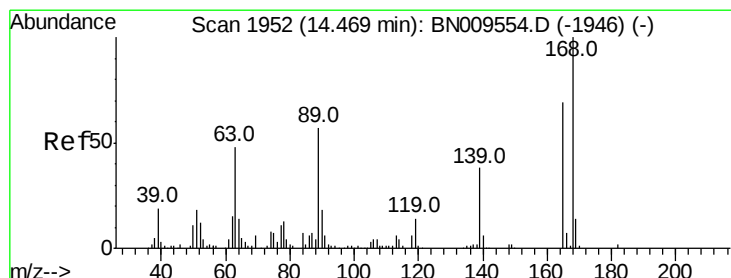
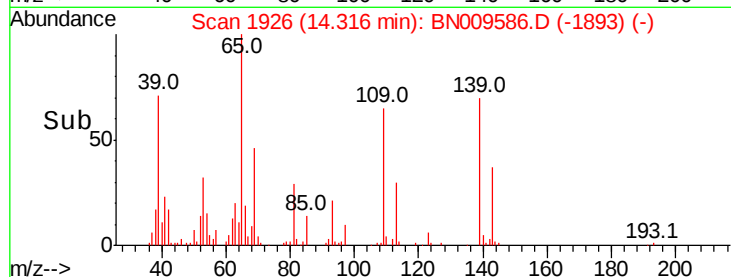
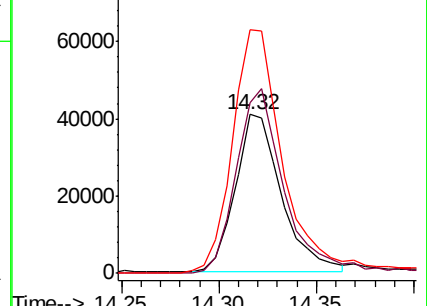
65 153.0 134.6 201.8



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): BNO



#54

2,4-Dinitrotoluene

Concen: 14.568 ng/ul

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BN009586.D

Acq: 05 Feb 2020 04:52

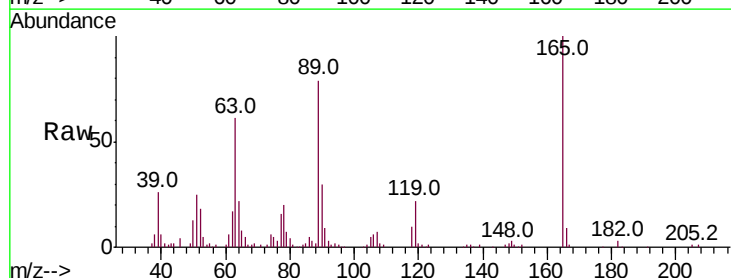
Tgt Ion:165 Resp: 134445

Ion Ratio Lower Upper

165 100

63 61.1 55.0 82.4

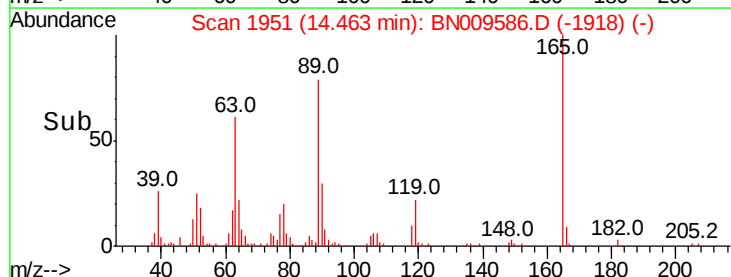
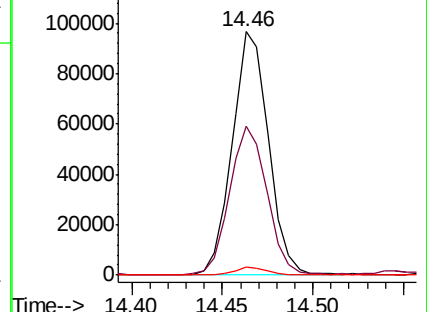
182 3.2 2.4 3.6

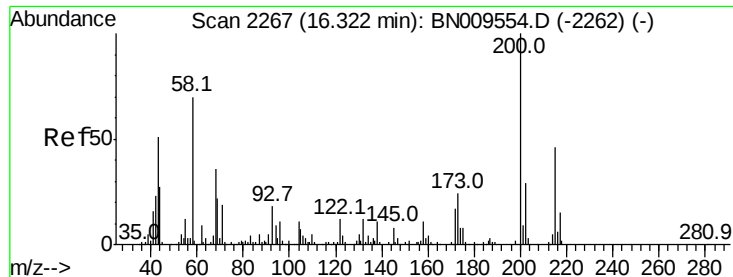


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E





#67

Atrazine

Concen: 1.402 ng/ul

RT: 16.49 min Scan# 2296

Delta R.T. 0.16 min

Lab File: BN009586.D

Acq: 05 Feb 2020 04:52

Instrument :

BNA_N

ClientSampled :

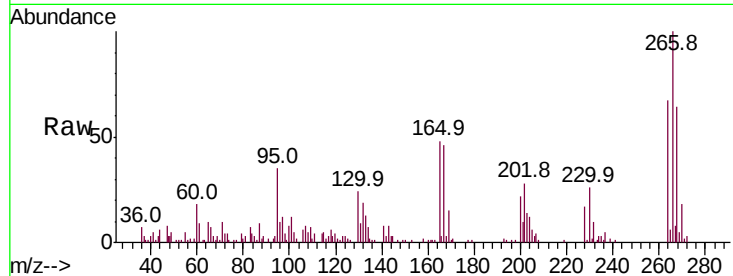
Tot Ion:200 Resp: 13475

Ion Ratio Lower Upper

200 100

173 0.0 23.4 35.0#

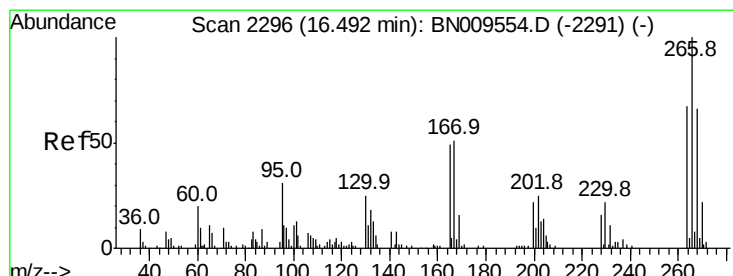
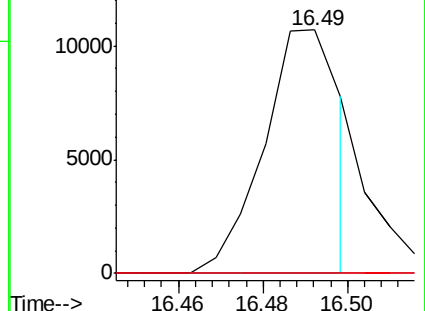
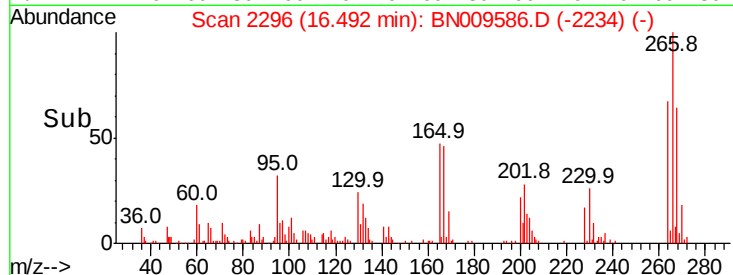
215 0.0 41.2 61.8#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#68

Pentachlorophenol

Concen: 12.282 ng/ul

RT: 16.49 min Scan# 2296

Delta R.T. -0.01 min

Lab File: BN009586.D

Acq: 05 Feb 2020 04:52

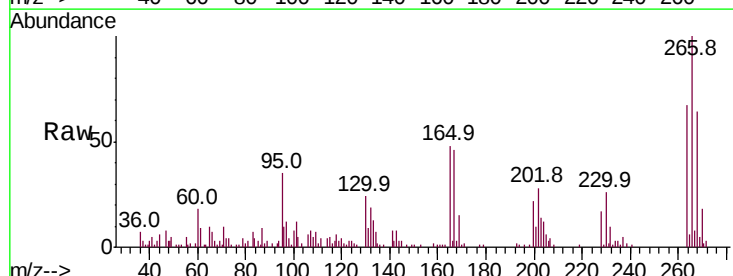
Tgt Ion:266 Resp: 70166

Ion Ratio Lower Upper

266 100

264 66.7 48.1 72.1

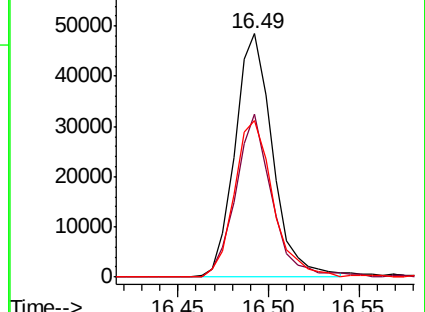
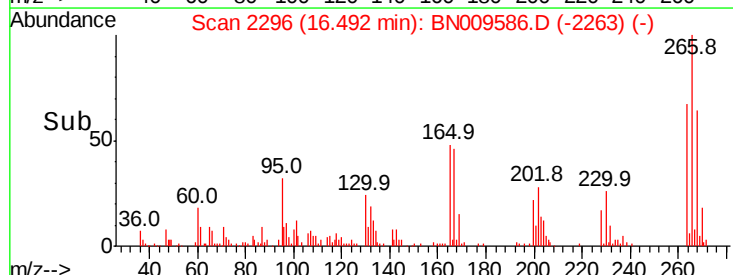
268 64.2 50.4 75.6

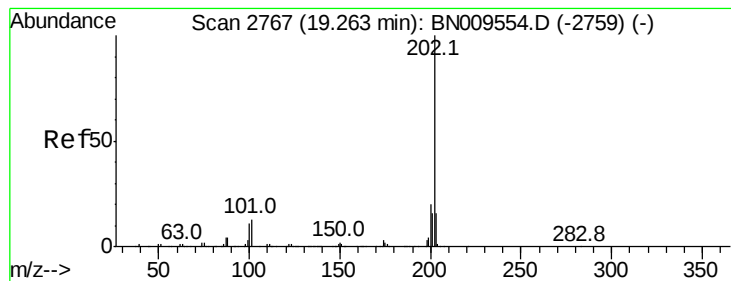


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#79

Pvrene

Concen: 16.747 ng/ul

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

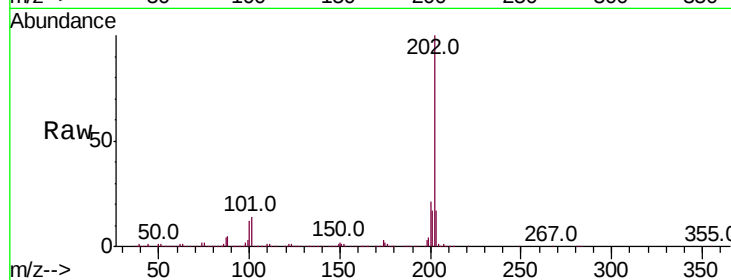
Lab File: BN009586.D

Acq: 05 Feb 2020 04:52

Instrument :

BNA_N

ClientSampleId :



Tot Ion:202 Resp: 973798

Ion Ratio Lower Upper

202 100

101 14.0 10.3 15.5

100 12.0 8.4 12.6

