

Data File : BN010077.D
Acq On : 04 Mar 2020 00:34
Operator : CG/JU
Sample : TEST BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TEST BS

Quant Time: Mar 04 01:33:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	80389	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	196063	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	131535	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	286571	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	251636	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	282108	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	10739	5.49	ng/uL	0.00
5) Phenol-d5	6.57	99	204093	29.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	146710	31.09	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	206911	40.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	209752	38.56	ng/ul	0.00
19) Nitrobenzene-d5	8.51	128	100604	70.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.22	143	88992	56.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	134695	44.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.27	131	159265	46.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.44	166	407760	41.50	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	464747	40.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	792	0.44	ng/ul	0.11
58) Fluorene-d10	15.01	176	357969	42.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	47893	26.90	ng/ul	0.00
71) Anthracene-d10	16.86	188	556764	42.38	ng/ul	0.00
79) Pyrene-d10	19.17	212	619305	47.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	592582	42.06	ng/ul	0.00

Target Compounds

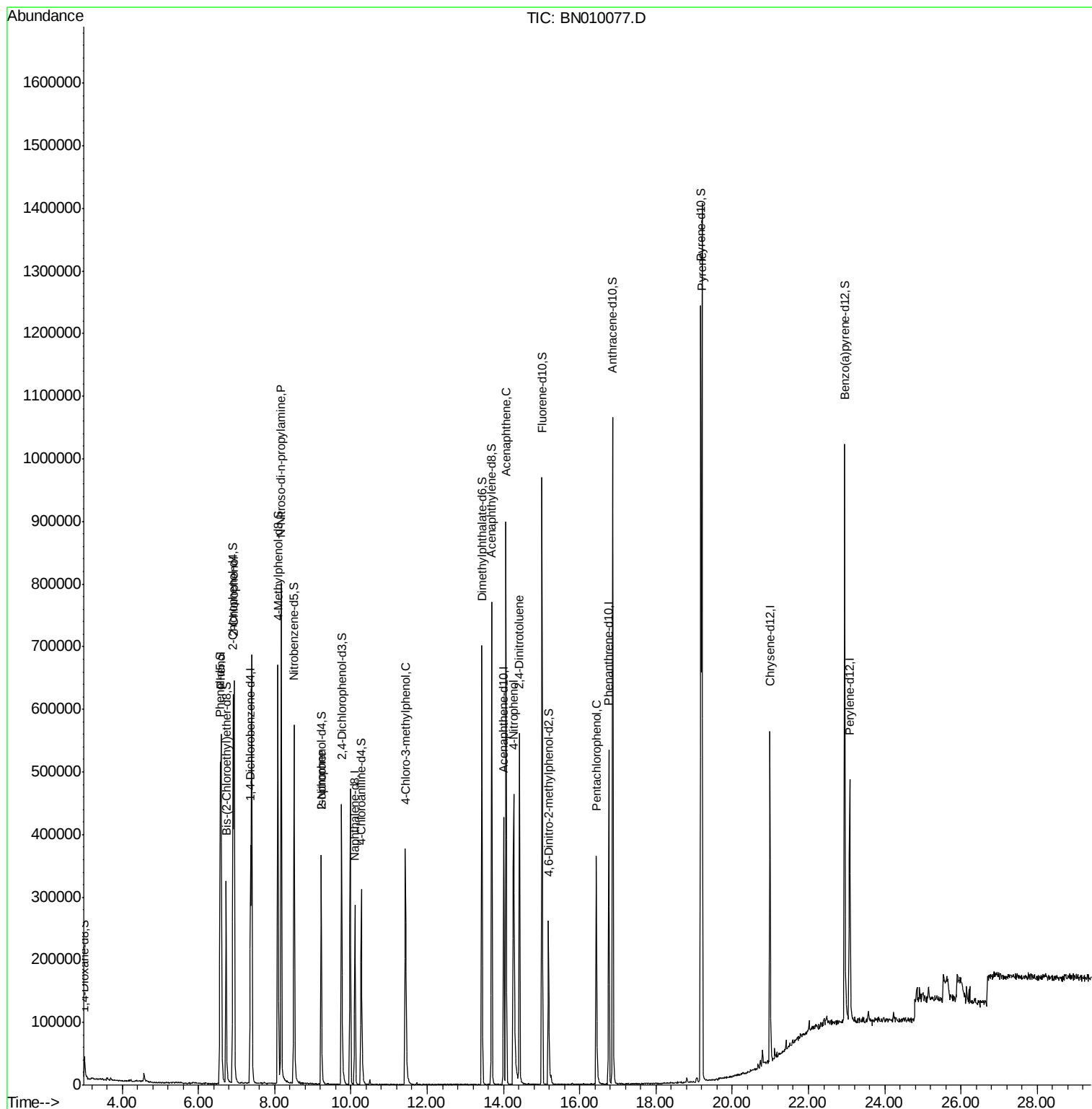
					Qvalue
6) Phenol	6.60	94	206198	28.141 ng/ul	89
10) 2-Chlorophenol	6.93	128	206029	37.996 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.17	70	194829	42.070 ng/ul	92
21) Isophorone	9.22	82	10213	1.373 ng/ul#	68
33) 4-Chloro-3-methylphenol	11.43	107	138344	39.752 ng/ul	98
50) Acenaphthene	14.07	153	318398	37.085 ng/ul	98
53) 4-Nitrophenol	14.27	109	67833	41.895 ng/ul	93
55) 2,4-Dinitrotoluene	14.42	165	117311	39.440 ng/ul#	77
69) Pentachlorophenol	16.43	266	60107	32.780 ng/ul	95
80) Pyrene	19.20	202	750720	41.381 ng/ul#	93

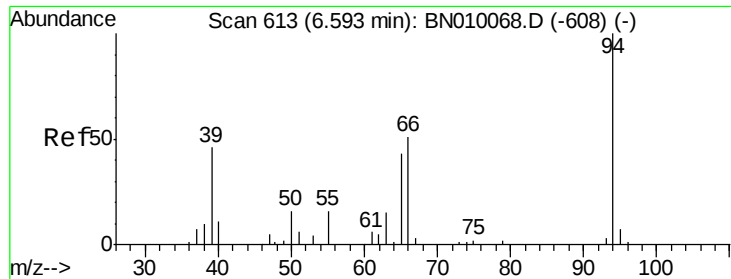
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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#6

Phenol

Concen: 28.141 ng/ul

RT: 6.60 min Scan# 614

Delta R.T. 0.01 min

Lab File: BN010077.D

Acq: 04 Mar 2020 00:34

Instrument :

BNA_N

ClientSampleId :

TEST BS

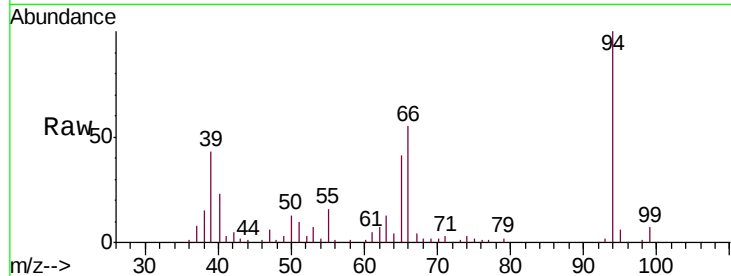
Tgt Ion: 94 Resp: 206198

Ion Ratio Lower Upper

94 100

65 40.9 27.6 41.4

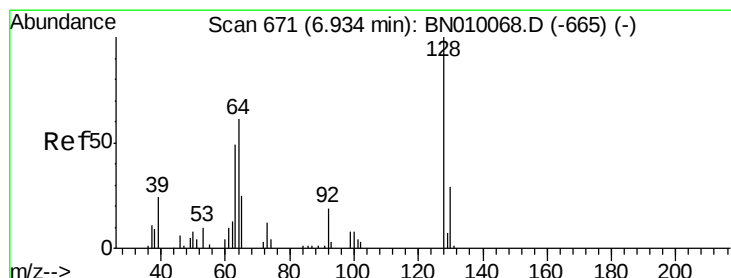
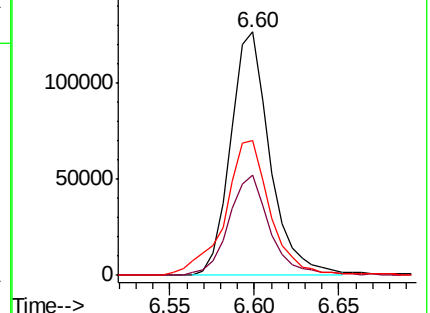
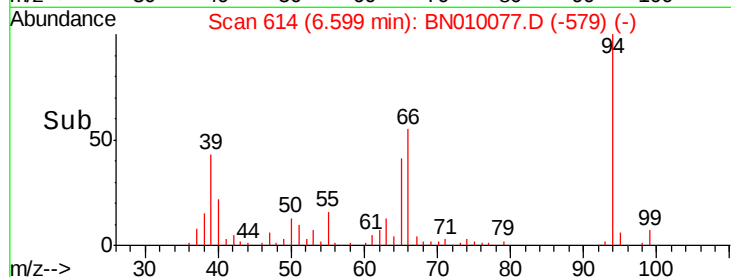
66 55.2 38.5 57.7



Abundance Ion 94.00 (93.70 to 94.70): BN010068.D (-608) (-)

Ion 65.00 (64.70 to 65.70): BN010068.D (-608) (-)

Ion 66.00 (65.70 to 66.70): BN010068.D (-608) (-)



#10

2-Chlorophenol

Concen: 37.996 ng/ul

RT: 6.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: BN010077.D

Acq: 04 Mar 2020 00:34

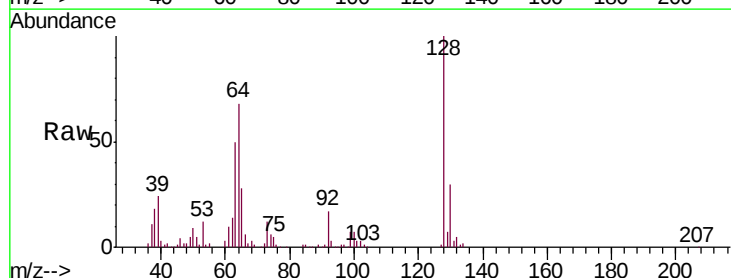
Tgt Ion:128 Resp: 206029

Ion Ratio Lower Upper

128 100

64 67.6 52.5 78.7

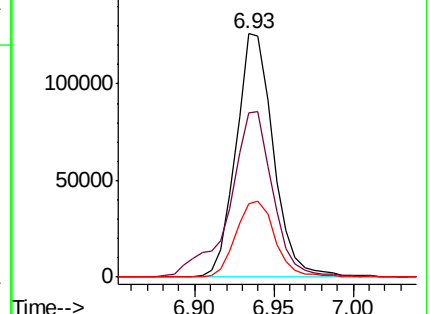
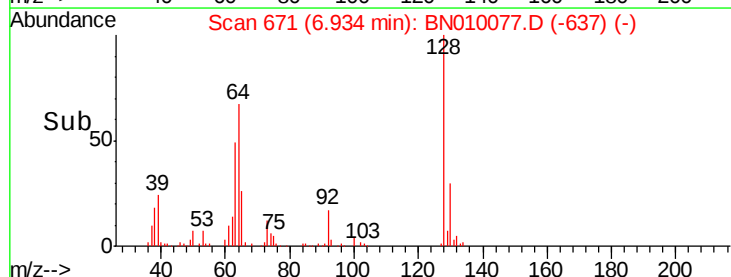
130 30.2 24.4 36.6

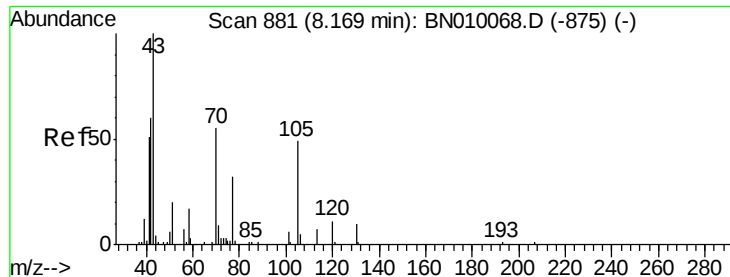


Abundance Ion 128.00 (127.70 to 128.70): BN010068.D (-665) (-)

Ion 64.00 (63.70 to 64.70): BN010068.D (-665) (-)

Ion 130.00 (129.70 to 130.70): BN010068.D (-665) (-)

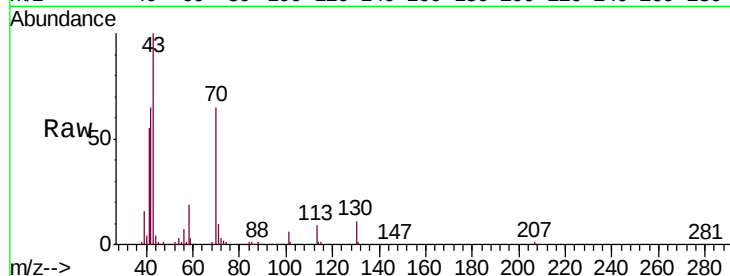




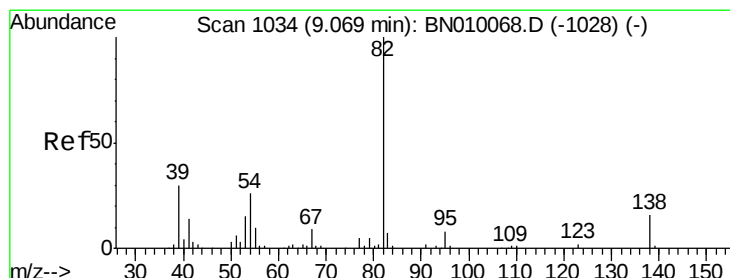
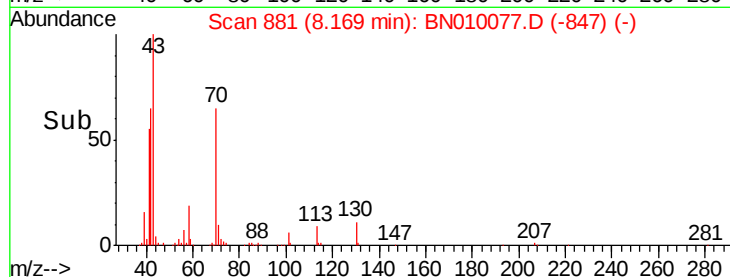
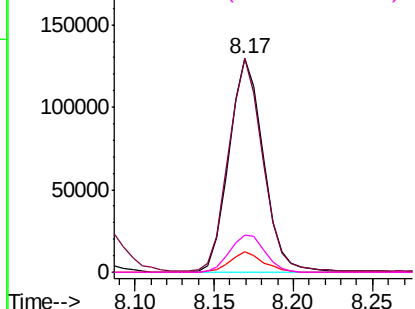
#15
N-Nitroso-di-n-propylamine
Concen: 42.070 ng/ul
RT: 8.17 min Scan# 881
Delta R.T. 0.00 min
Lab File: BN010077.D
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Instrument :
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Tgt Ion: 70 Resp: 194829
Ion Ratio Lower Upper
70 100
42 100.0 72.6 108.8
101 9.7 7.7 11.5
130 17.5 14.7 22.1

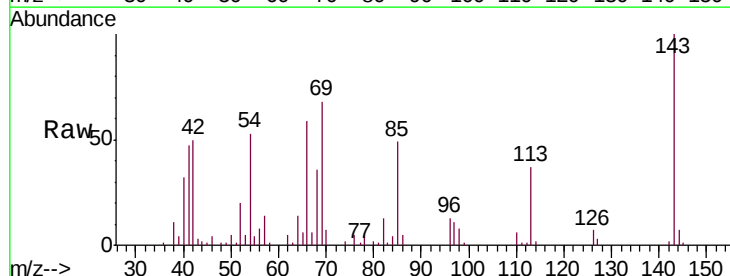


Abundance Ion 70.00 (69.70 to 70.70): BN0
200000
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

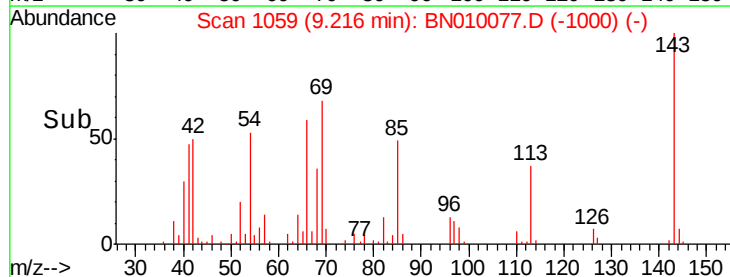
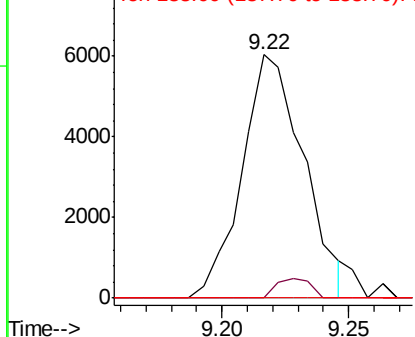


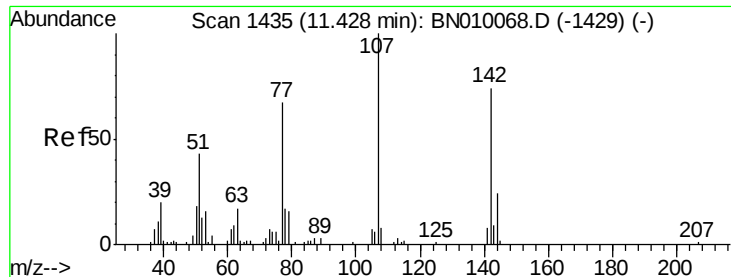
#21
Isophorone
Concen: 1.373 ng/ul
RT: 9.22 min Scan# 1059
Delta R.T. 0.15 min
Lab File: BN010077.D
Acq: 04 Mar 2020 00:34

Tgt Ion: 82 Resp: 10213
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.6 19.0#



Abundance Ion 82.00 (81.70 to 82.70): BN0
8000
Ion 95.00 (94.70 to 95.70): BN0
Ion 138.00 (137.70 to 138.70): E

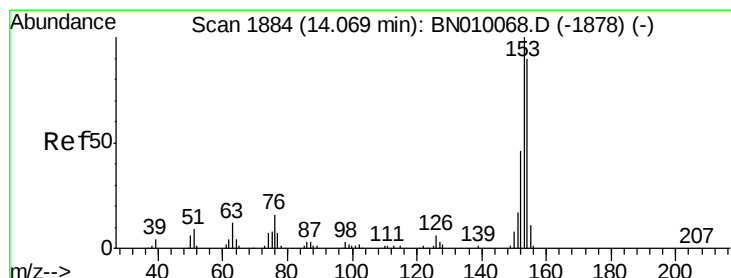
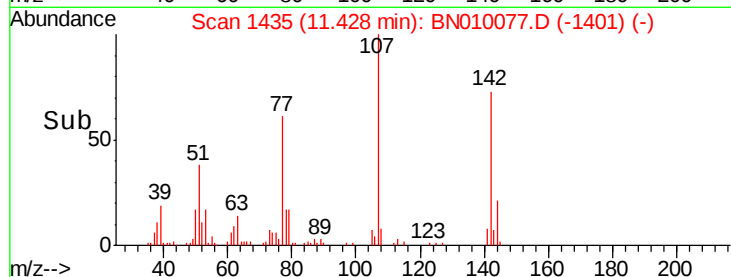
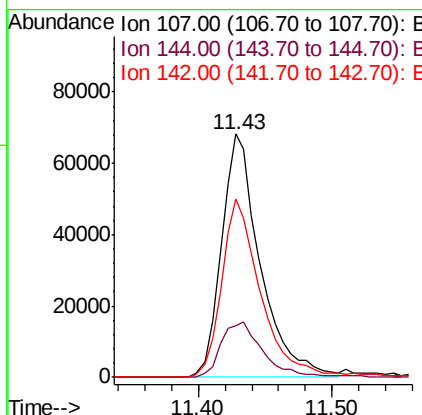
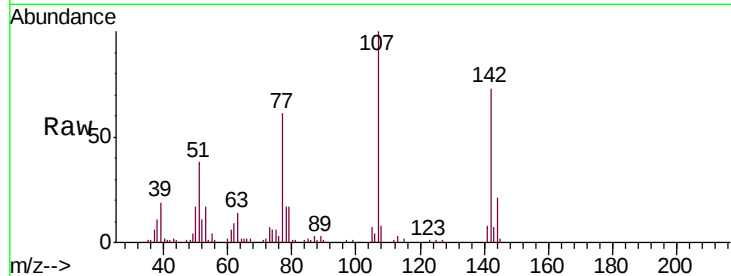




#33
 4-Chloro-3-methylphenol
 Concen: 39.752 ng/ul
 RT: 11.43 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BN010077.D
 Acq: 04 Mar 2020 00:34

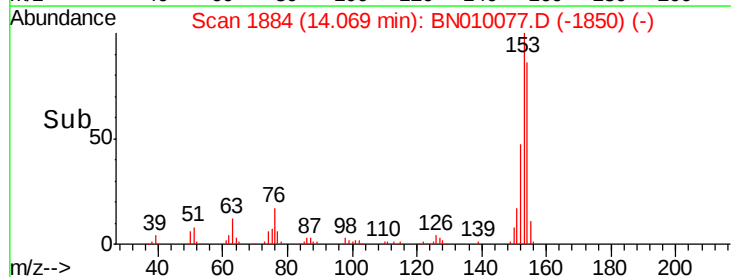
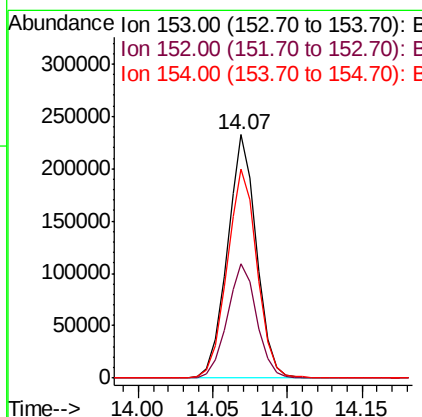
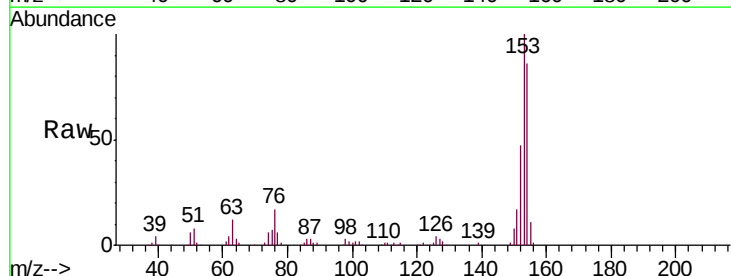
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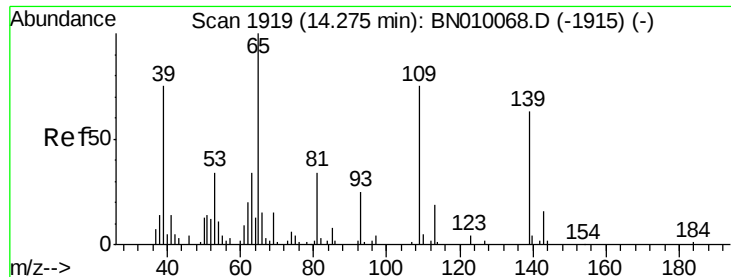
Tgt Ion:107 Resp: 138344
 Ion Ratio Lower Upper
 107 100
 144 21.0 19.3 28.9
 142 73.5 59.5 89.3



#50
 Acenaphthene
 Concen: 37.085 ng/ul
 RT: 14.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: BN010077.D
 Acq: 04 Mar 2020 00:34

Tgt Ion:153 Resp: 318398
 Ion Ratio Lower Upper
 153 100
 152 47.0 36.6 54.8
 154 86.1 70.6 106.0

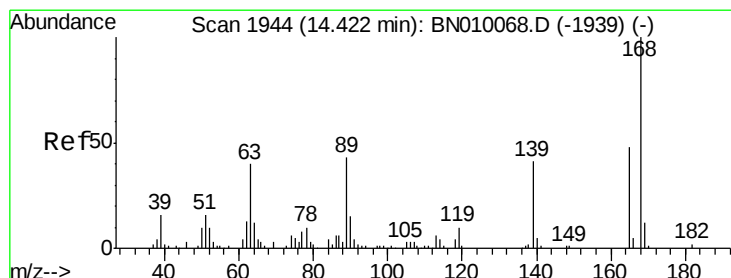
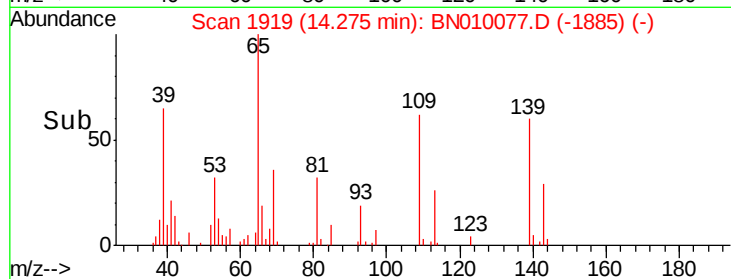
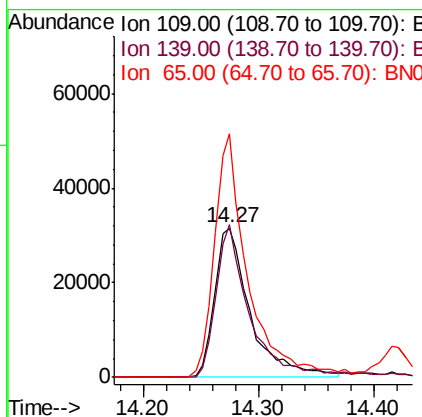
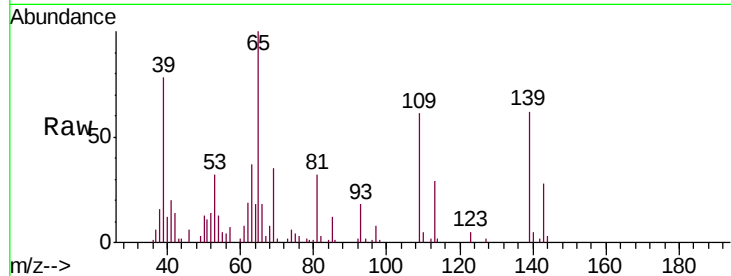




#53
4-Nitrophenol
Concen: 41.895 ng/ul
RT: 14.27 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BN010077.D
Acq: 04 Mar 2020 00:34

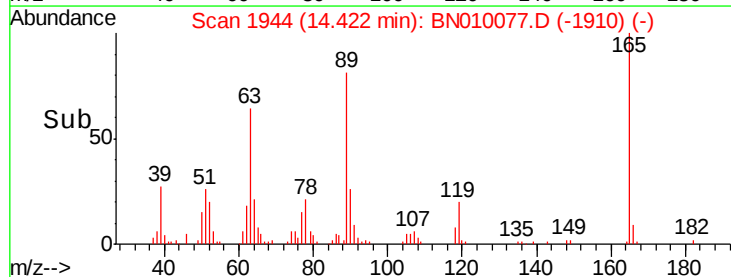
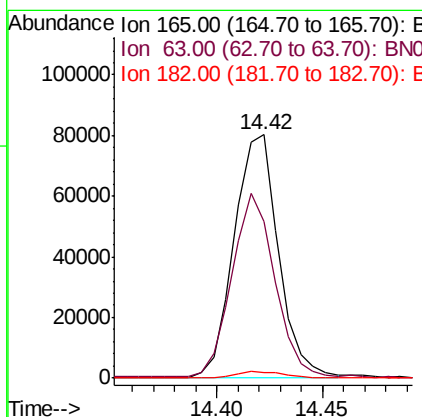
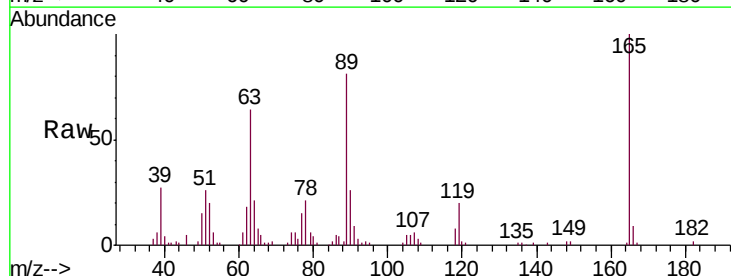
Instrument :
BNA_N
ClientSampleId :
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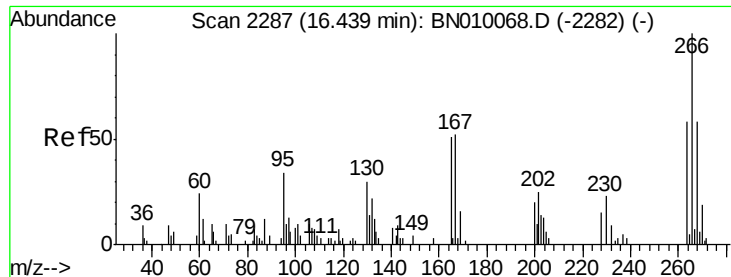
Tgt Ion:109 Resp: 67833
Ion Ratio Lower Upper
109 100
139 102.0 96.3 144.5
65 163.2 129.9 194.9



#55
2,4-Dinitrotoluene
Concen: 39.440 ng/ul
RT: 14.42 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BN010077.D
Acq: 04 Mar 2020 00:34

Tgt Ion:165 Resp: 117311
Ion Ratio Lower Upper
165 100
63 64.1 68.3 102.5#
182 2.5 2.2 3.4





#69

Pentachlorophenol

Concen: 32.780 ng/ul

RT: 16.43 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BN010077.D

Acq: 04 Mar 2020 00:34

Instrument :

BNA_N

ClientSampleId :

TEST BS

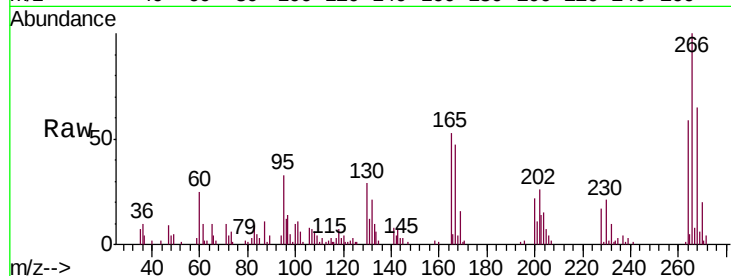
Tgt Ion:266 Resp: 60107

Ion Ratio Lower Upper

266 100

264 58.8 52.9 79.3

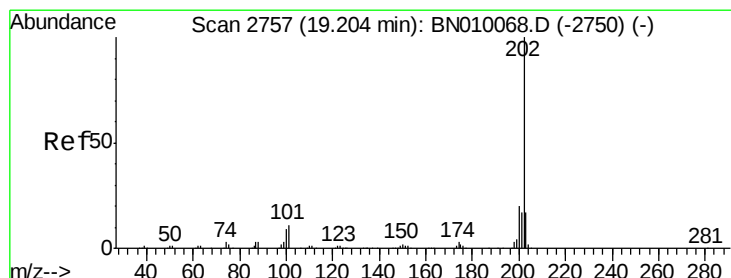
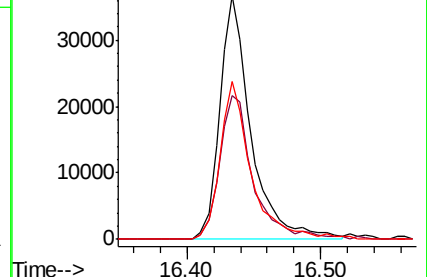
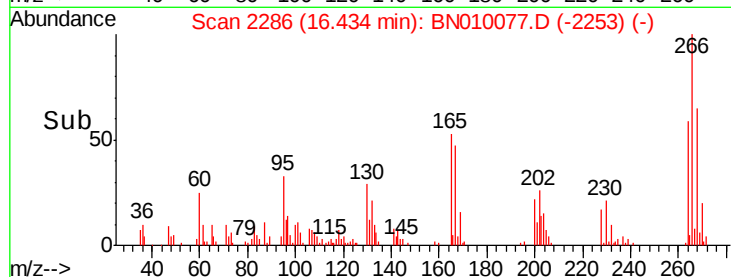
268 64.9 52.5 78.7



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: 41.381 ng/ul

RT: 19.20 min Scan# 2757

Delta R.T. 0.00 min

Lab File: BN010077.D

Acq: 04 Mar 2020 00:34

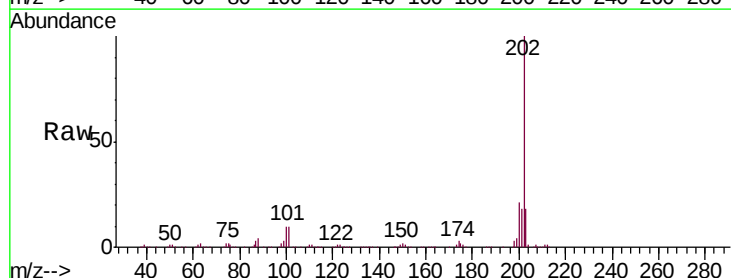
Tgt Ion:202 Resp: 750720

Ion Ratio Lower Upper

202 100

101 10.4 11.3 16.9#

100 9.7 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

