

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092319\
 Data File : BN007817.D
 Acq On : 24 Sep 2019 00:28
 Operator : HP/JU
 Sample : K4895-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 24 01:15:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 23 15:18:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	566060	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	2266026	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	1420559	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	3012984	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	3253848	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	3788904	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	17320	1.16	ng/uL	0.00
5) Phenol-d5	6.86	99	350020	6.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	840753	27.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	916081	24.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	612299	14.91	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	539281	32.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	574740	36.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	1073495	29.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1365030	28.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	3594594	31.80	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	4040700	31.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	121677	6.05	ng/ul	0.00
57) Fluorene-d10	15.31	176	3113881	31.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	472412	29.05	ng/ul	0.00
70) Anthracene-d10	17.16	188	4986353	33.25	ng/ul	0.00
78) Pyrene-d10	19.46	212	5914726	33.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	6767369	34.33	ng/ul	0.00

Target Compounds

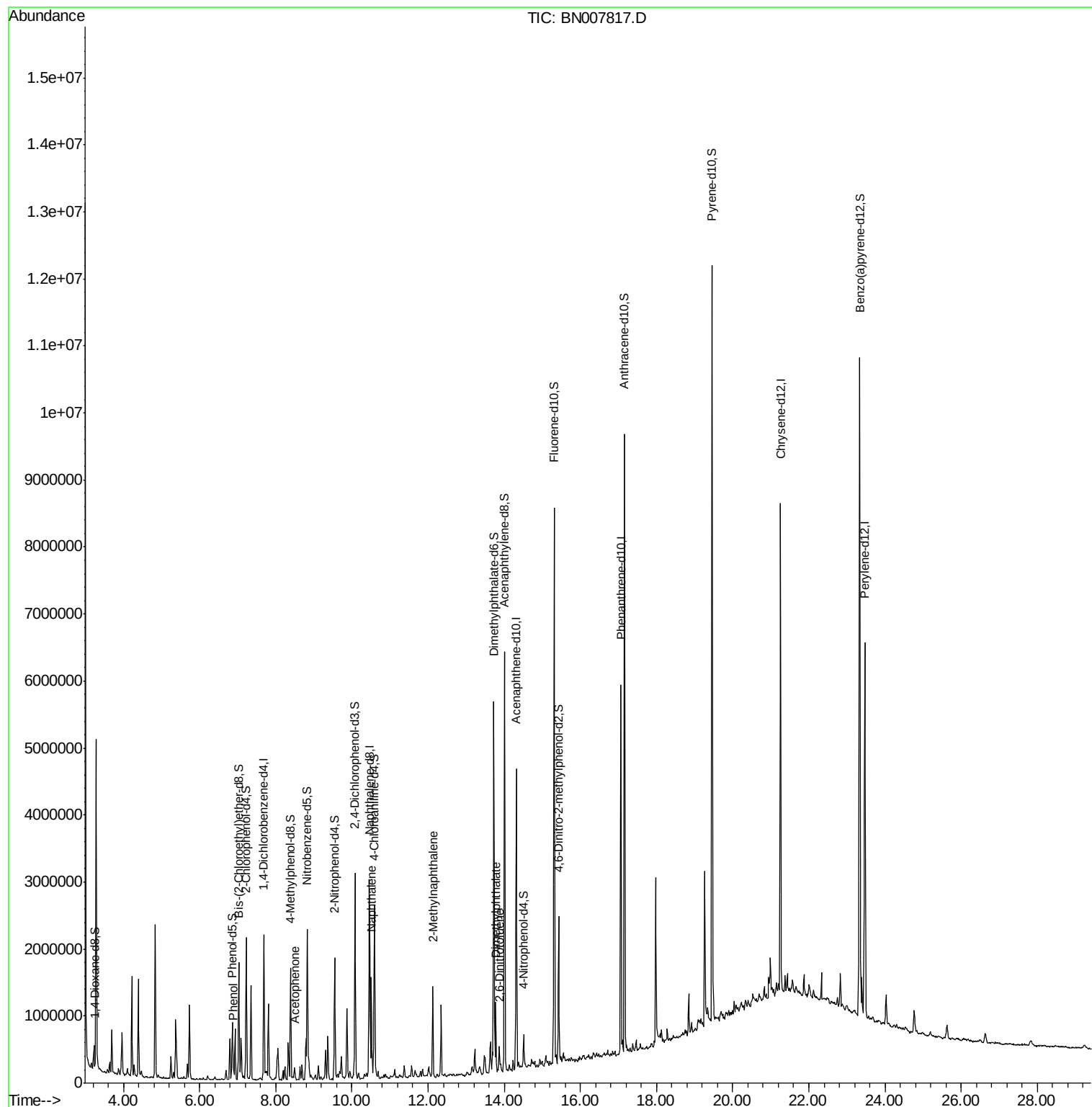
				Ovalue	
6) Phenol	6.89	94	61346	1.047	ng/ul 98
14) Acetophenone	8.49	105	135394	2.037	ng/ul# 43
28) Naphthalene	10.51	128	1061508	8.307	ng/ul 100
34) 2-Methylnaphthalene	12.12	142	608758	6.598	ng/ul 100
44) Dimethylphthalate	13.77	163	608822	5.284	ng/ul 98
45) 2,6-Dinitrotoluene	13.87	165	33181	1.578	ng/ul# 47

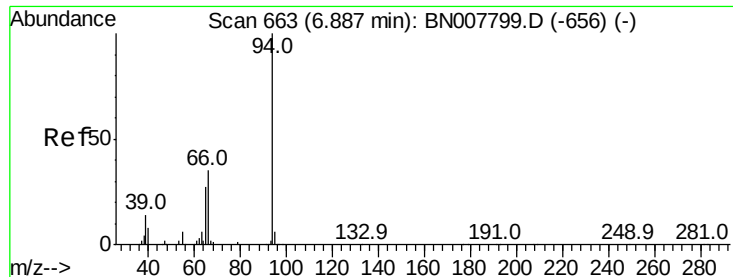
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.047 ng/ul

RT: 6.89 min Scan# 663

Delta R.T. 0.00 min

Lab File: BN007817.D

Acq: 24 Sep 2019 00:28

Instrument :

BNA_N

ClientSampleId :

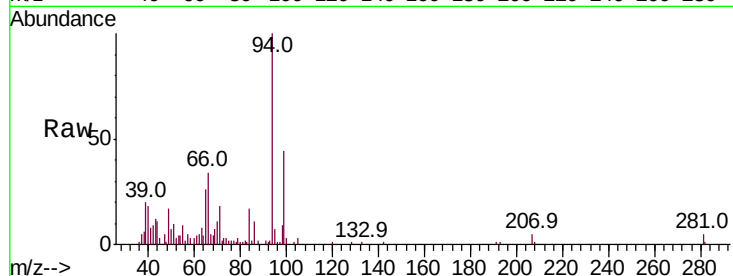
Tot Ion: 94 Resp: 61346

Ion Ratio Lower Upper

94 100

65 26.0 20.7 31.1

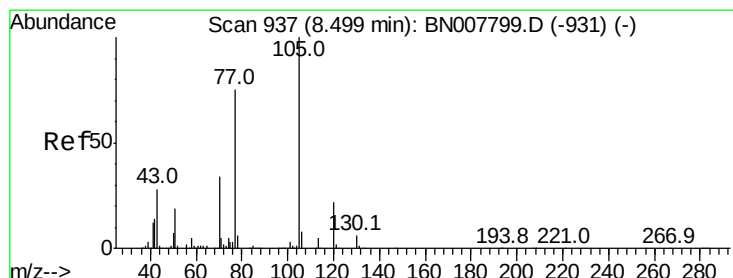
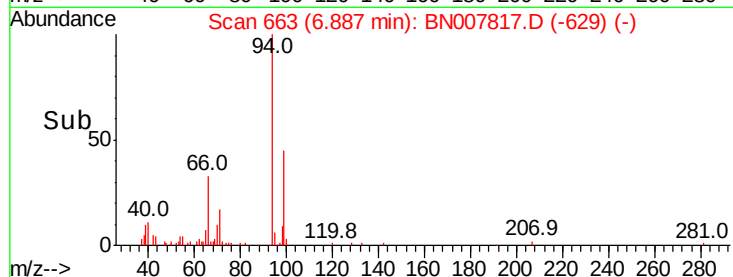
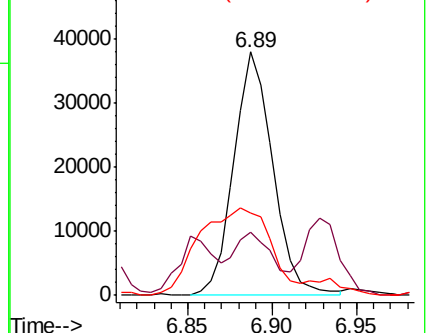
66 34.0 28.6 42.8



Abundance Ion 94.00 (93.70 to 94.70): BN007799.D (-656) (-)

Ion 65.00 (64.70 to 65.70): BN007799.D (-656) (-)

Ion 66.00 (65.70 to 66.70): BN007799.D (-656) (-)



#14

Acetophenone

Concen: 2.037 ng/ul

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BN007817.D

Acq: 24 Sep 2019 00:28

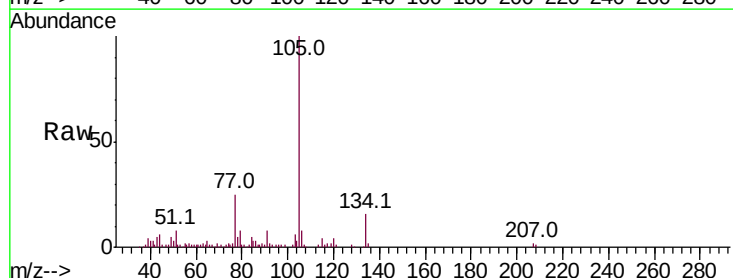
Tgt Ion: 105 Resp: 135394

Ion Ratio Lower Upper

105 100

77 24.8 66.5 99.7#

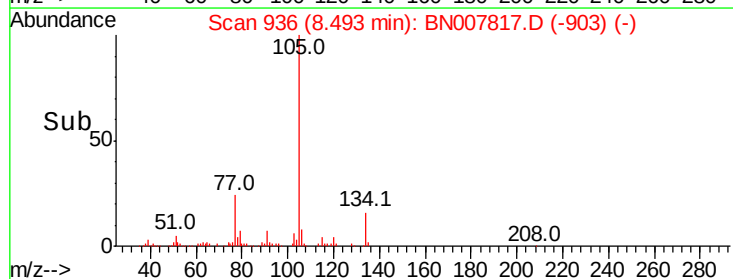
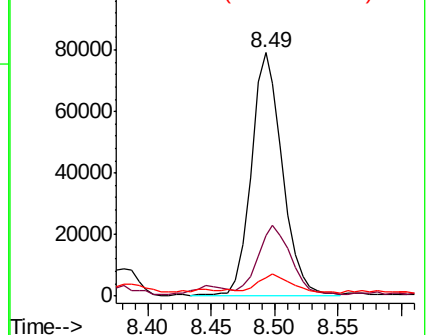
51 7.6 16.3 24.5#

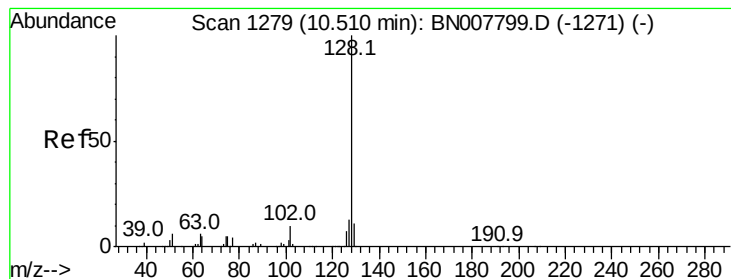


Abundance Ion 105.00 (104.70 to 105.70): BN007799.D (-931) (-)

Ion 77.00 (76.70 to 77.70): BN007799.D (-931) (-)

Ion 51.00 (50.70 to 51.70): BN007799.D (-931) (-)





#28

Naphthalene

Concen: 8.307 ng/ul

RT: 10.51 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BN007817.D

Acq: 24 Sep 2019 00:28

Instrument :

BNA_N

ClientSampleId :

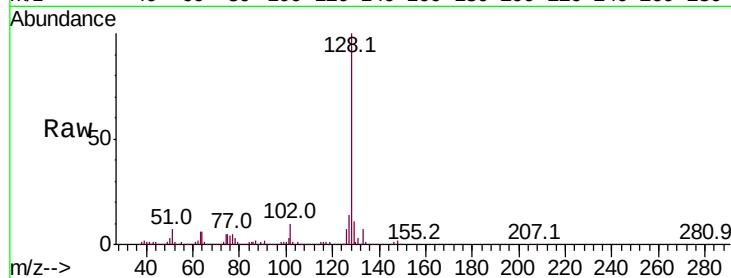
Tot Ion:128 Resp: 1061508

Ion Ratio Lower Upper

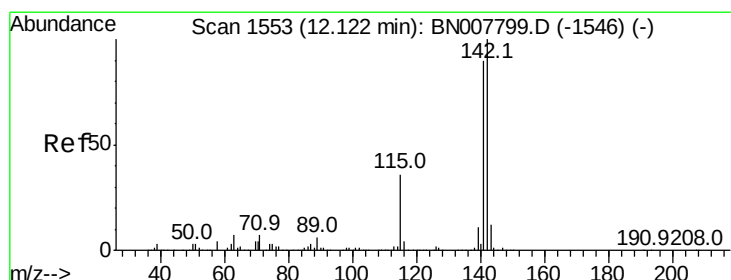
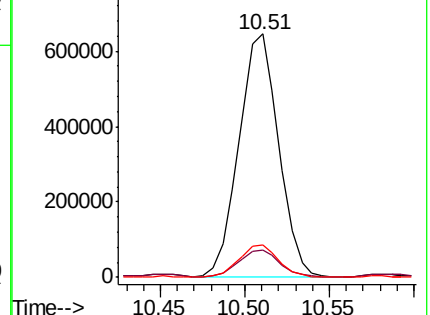
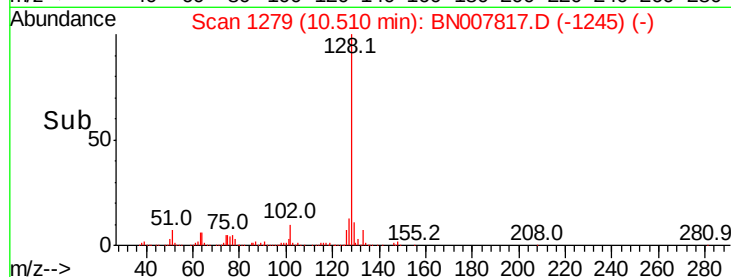
128 100

129 11.3 9.0 13.4

127 13.5 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 6.598 ng/ul

RT: 12.12 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BN007817.D

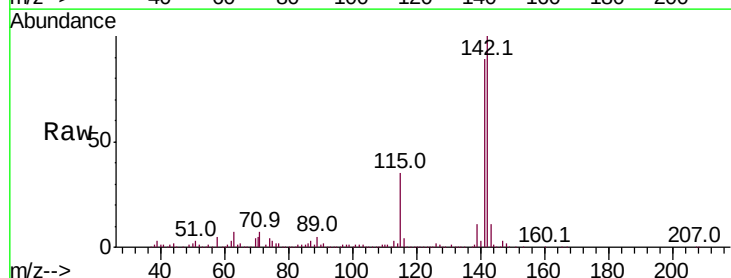
Acq: 24 Sep 2019 00:28

Tgt Ion:142 Resp: 608758

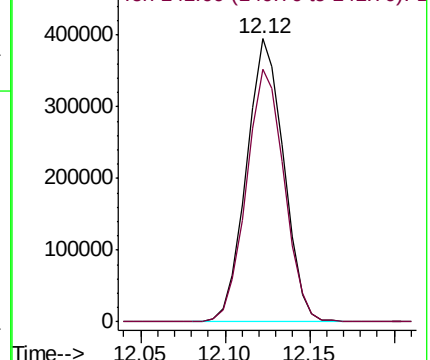
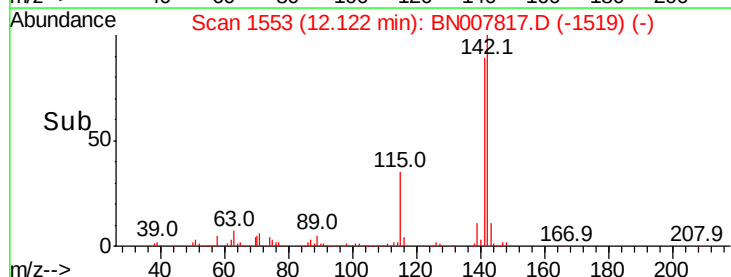
Ion Ratio Lower Upper

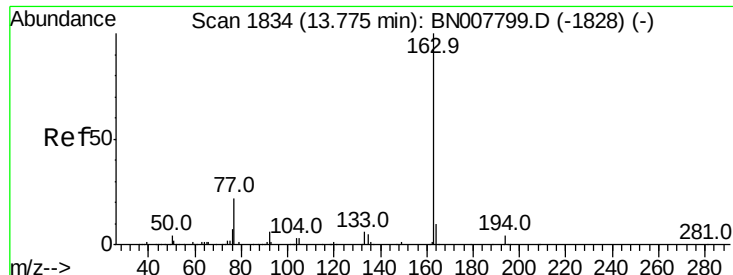
142 100

141 89.3 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

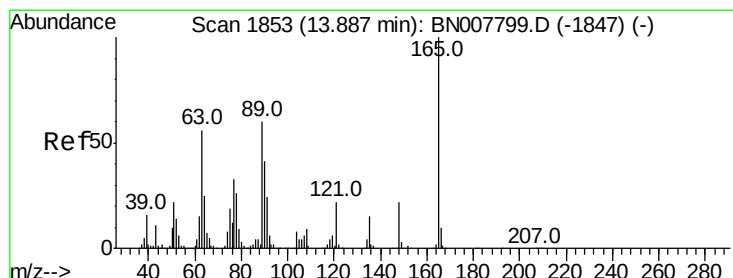
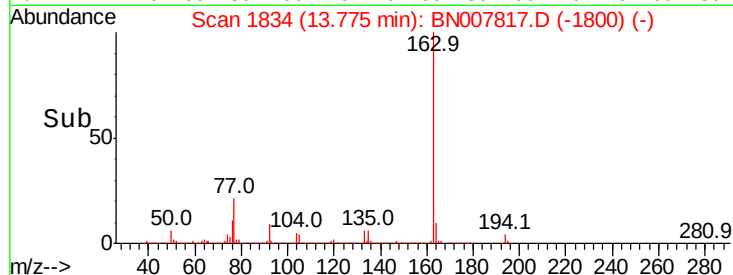
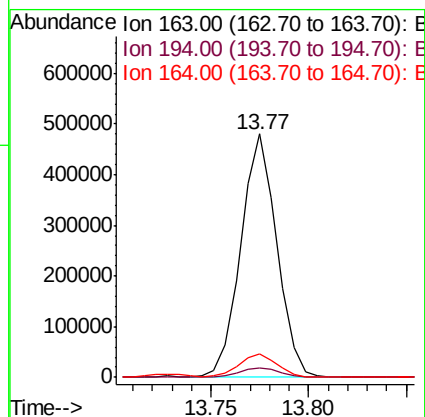
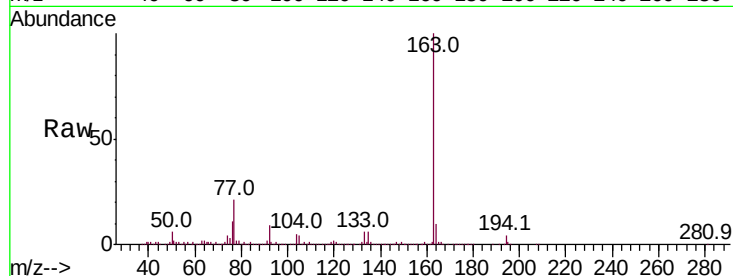




#44
 Dimethylphthalate
 Concen: 5.284 ng/ul
 RT: 13.77 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BN007817.D
 Acq: 24 Sep 2019 00:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:163 Resp: 608822
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.4 5.2
 164 9.7 8.4 12.6



#45
 2,6-Dinitrotoluene
 Concen: 1.578 ng/ul
 RT: 13.87 min Scan# 1850
 Delta R.T. -0.02 min
 Lab File: BN007817.D
 Acq: 24 Sep 2019 00:28

Tgt Ion:165 Resp: 33181
 Ion Ratio Lower Upper
 165 100
 89 8.5 50.1 75.1#
 121 19.3 17.6 26.4

