

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
 Data File : BN007819.D
 Acq On : 24 Sep 2019 01:40
 Operator : HP/JU
 Sample : K4895-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 24 04:01:29 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	570371	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	2322965	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	1516427	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	3218924	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	3483857	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	4042770	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	13518	0.90	ng/uL	0.01
5) Phenol-d5	6.86	99	313153	5.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	720390	23.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	779350	20.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	558282	13.49	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	462329	27.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	508215	31.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	960691	25.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1153281	23.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	3329642	27.59	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	3673544	26.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	128026	5.96	ng/ul	0.00
57) Fluorene-d10	15.32	176	2862881	27.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	455504	26.22	ng/ul	0.00
70) Anthracene-d10	17.16	188	4727024	29.50	ng/ul	0.00
78) Pyrene-d10	19.46	212	5685475	30.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	6392102	30.39	ng/ul	0.00

Target Compounds

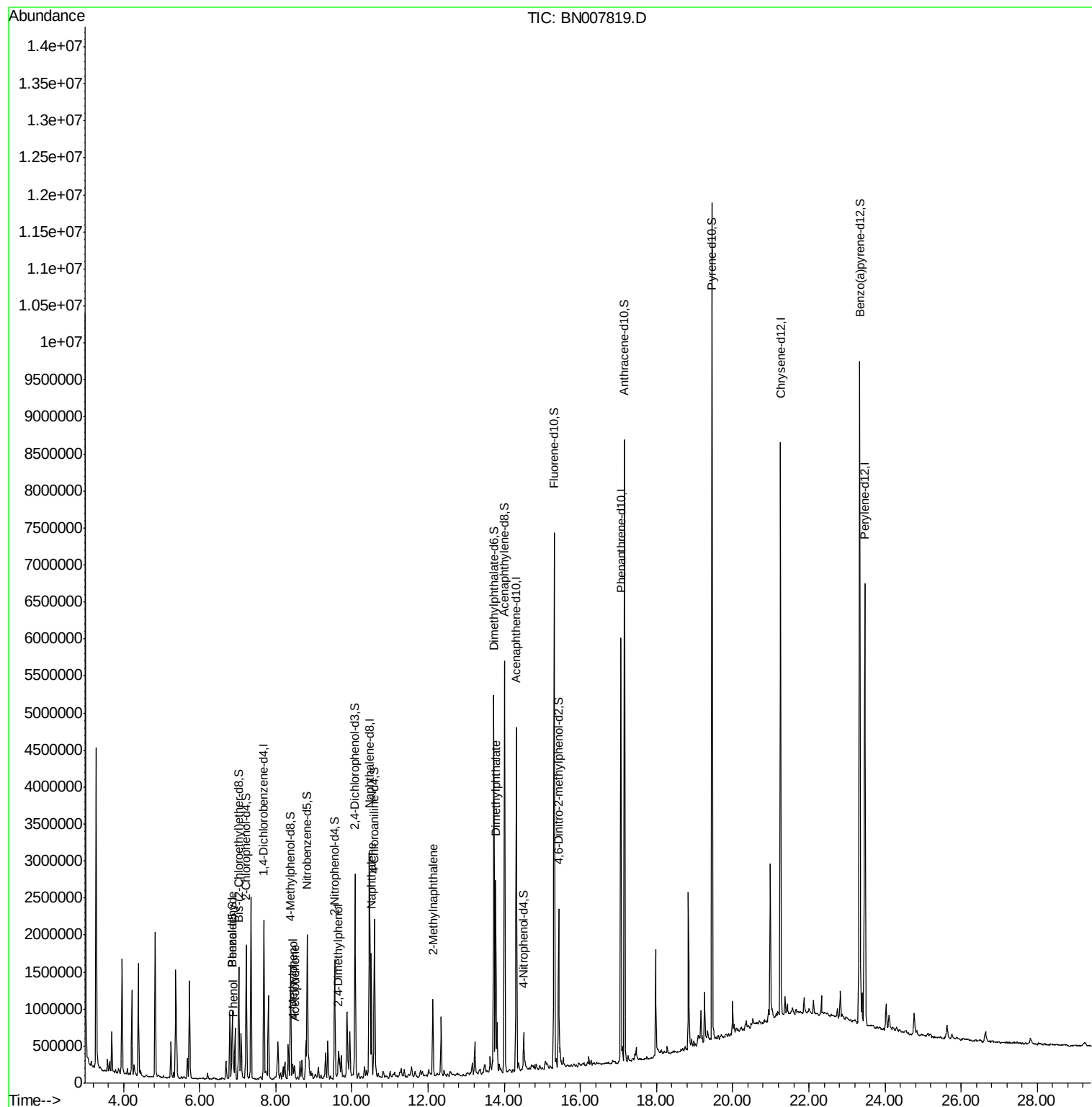
					Ovalue	
4) Benzaldehyde	6.85	77	46482	1.525	ng/ul#	1
6) Phenol	6.89	94	88677	1.503	ng/ul	99
14) Acetophenone	8.49	105	118954	1.776	ng/ul#	43
16) 4-Methylphenol	8.45	108	81877	1.784	ng/ul	93
24) 2,4-Dimethylphenol	9.65	107	136660	2.789	ng/ul	96
28) Naphthalene	10.51	128	1225320	9.354	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	471817	4.988	ng/ul	97
44) Dimethylphthalate	13.77	163	1594028	12.960	ng/ul	99

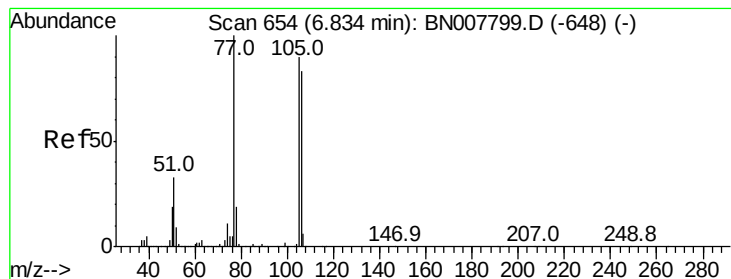
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.525 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.02 min

Lab File: BN007819.D

Acq: 24 Sep 2019 01:40

Instrument :

BNA_N

ClientSampled :

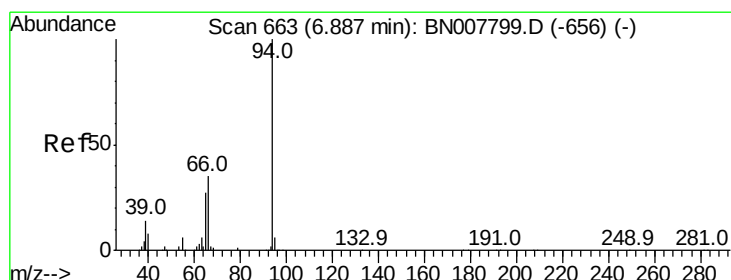
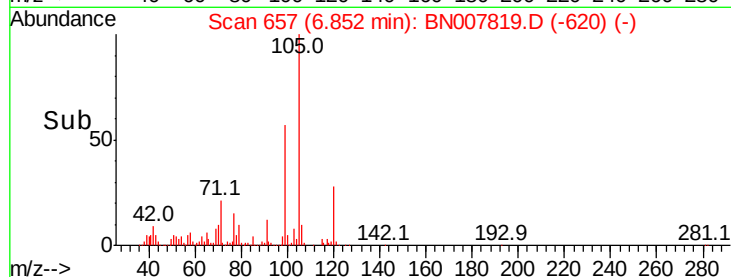
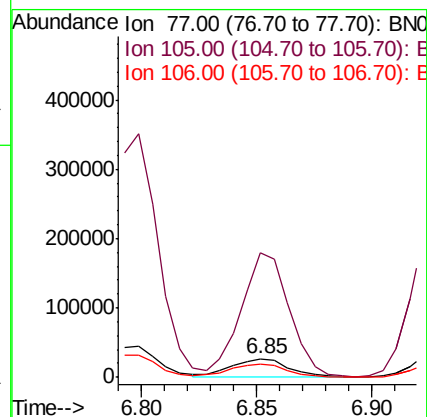
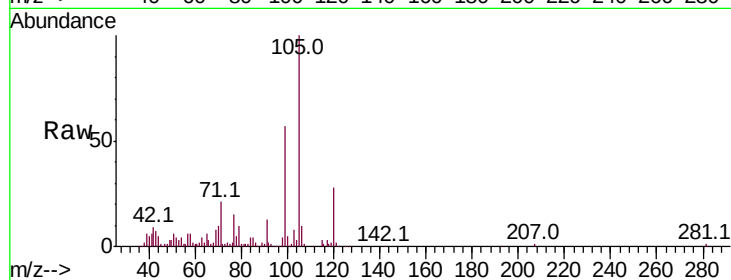
Tot Ion: 77 Resp: 46482

Ion Ratio Lower Upper

77 100

105 660.8 72.2 108.4#

106 68.1 69.6 104.4#



#6

Phenol

Concen: 1.503 ng/ul

RT: 6.89 min Scan# 663

Delta R.T. 0.00 min

Lab File: BN007819.D

Acq: 24 Sep 2019 01:40

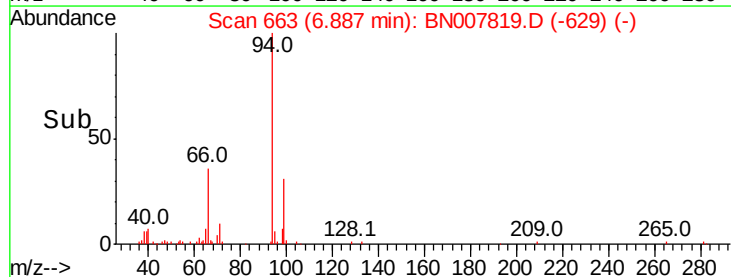
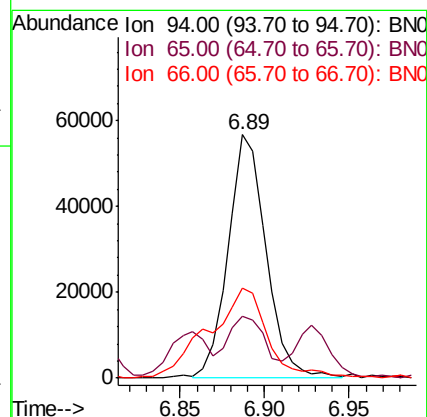
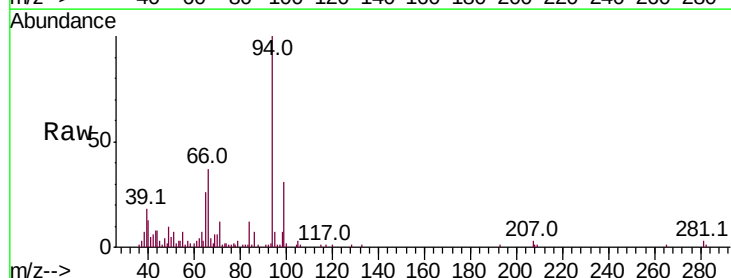
Tgt Ion: 94 Resp: 88677

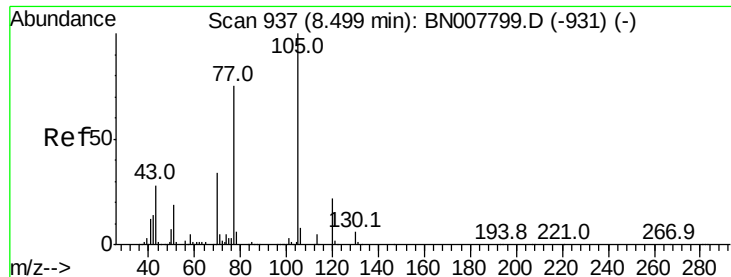
Ion Ratio Lower Upper

94 100

65 25.5 20.7 31.1

66 36.8 28.6 42.8

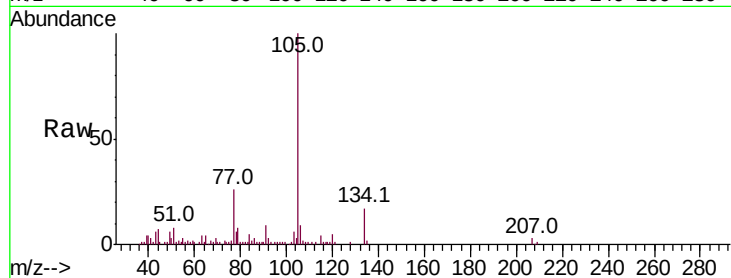




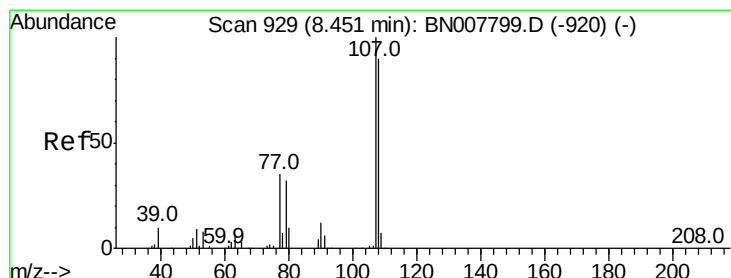
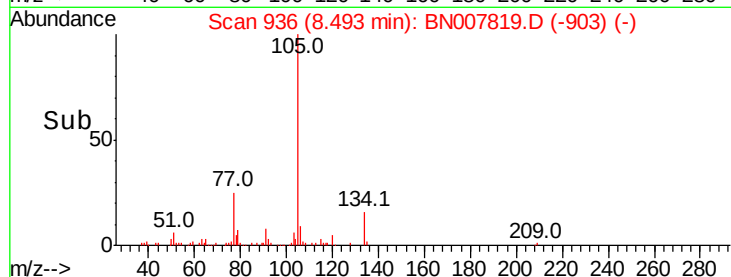
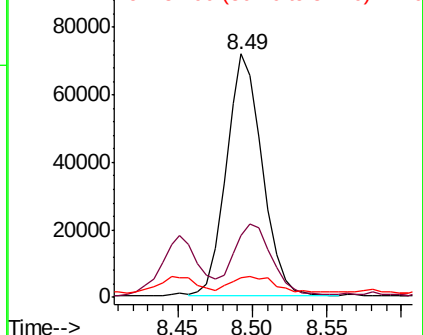
#14
Acetophenone
Concen: 1.776 ng/ul
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BN007819.D
Acq: 24 Sep 2019 01:40

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
105	100		
77	25.5	66.5	99.7#
51	8.1	16.3	24.5#

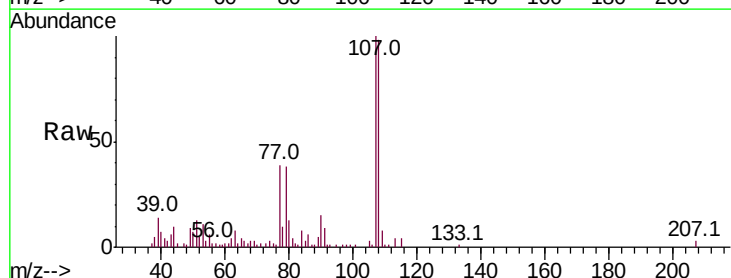


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BNO
Ion 51.00 (50.70 to 51.70): BNO

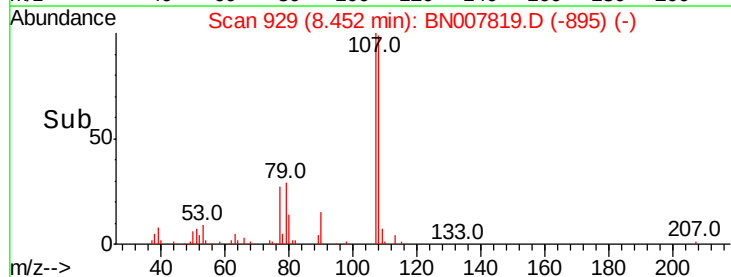
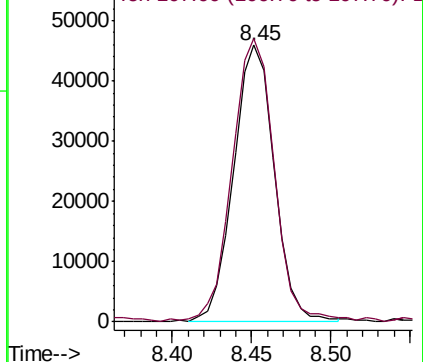


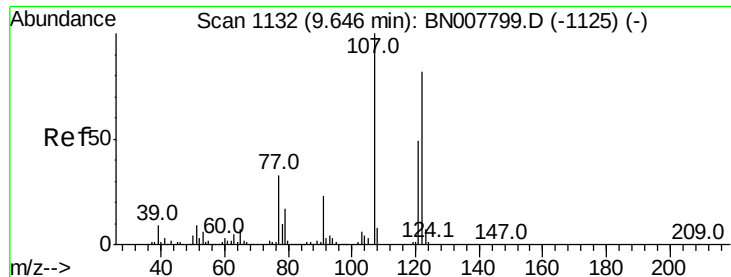
#16
4-Methylphenol
Concen: 1.784 ng/ul
RT: 8.45 min Scan# 929
Delta R.T. 0.00 min
Lab File: BN007819.D
Acq: 24 Sep 2019 01:40

Tgt Ion	Ratio	Lower	Upper
108	100		
107	102.2	88.0	132.0



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





#24

2,4-Dimethylphenol

Concen: 2.789 ng/ul

RT: 9.65 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BN007819.D

Acq: 24 Sep 2019 01:40

Instrument :

BNA_N

ClientSampleId :

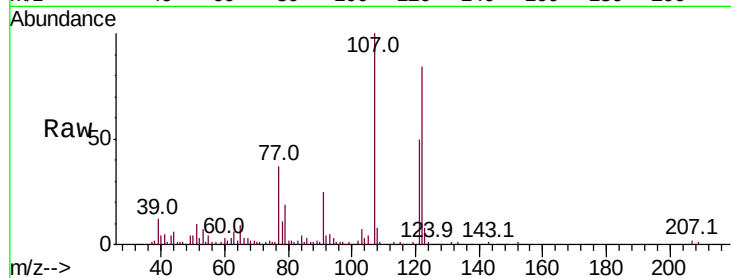
Tot Ion:107 Resp: 136660

Ion Ratio Lower Upper

107 100

121 50.2 38.8 58.2

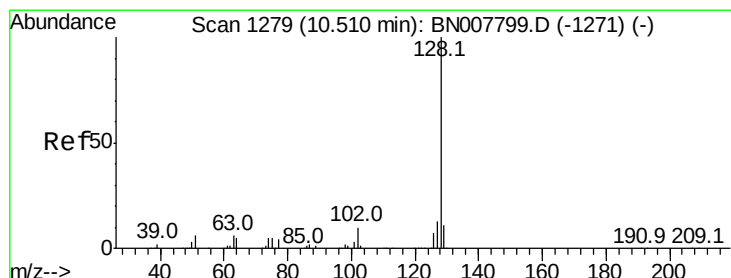
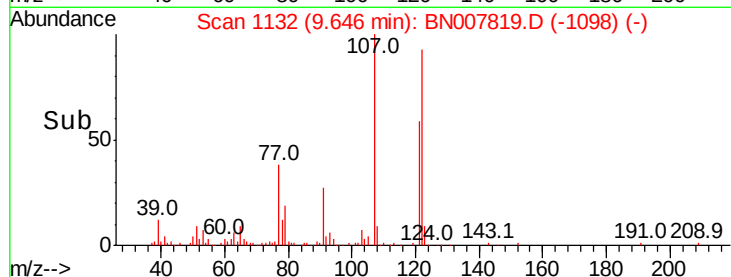
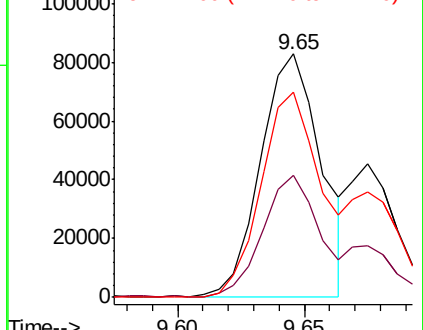
122 84.4 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 9.354 ng/ul

RT: 10.51 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BN007819.D

Acq: 24 Sep 2019 01:40

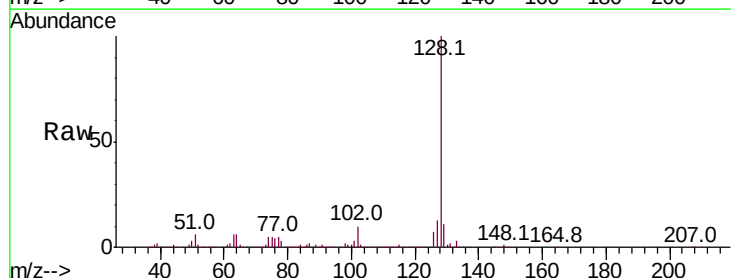
Tgt Ion:128 Resp: 1225320

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

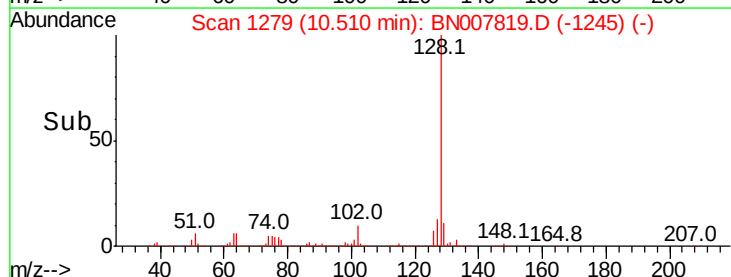
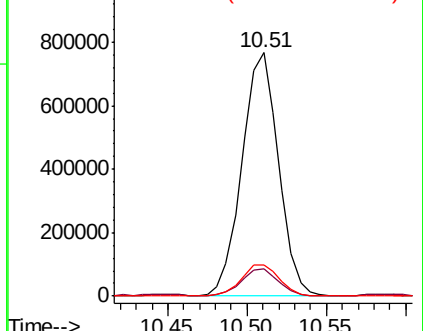
127 12.6 11.0 16.4

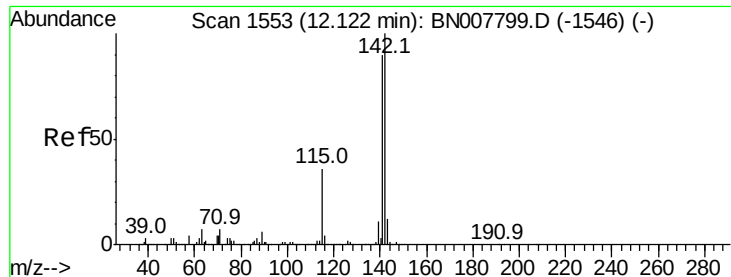


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

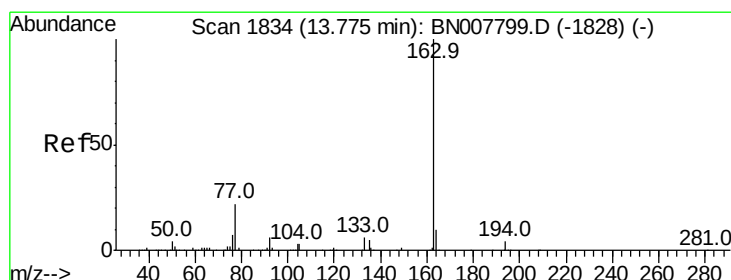
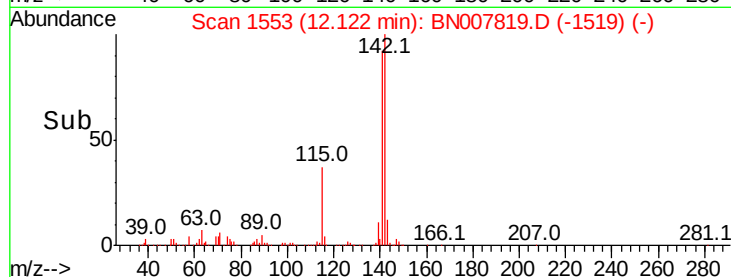
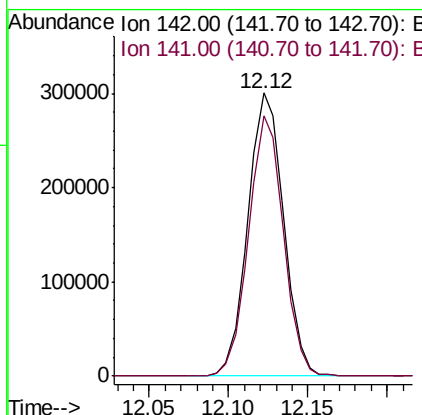
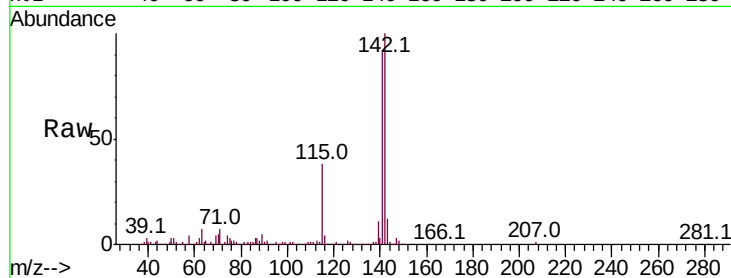




#34
 2-Methylnaphthalene
 Concen: 4.988 ng/ul
 RT: 12.12 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BN007819.D
 Acq: 24 Sep 2019 01:40

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:142 Resp: 471817
 Ion Ratio Lower Upper
 142 100
 141 91.9 71.2 106.8



#44
 Dimethylphthalate
 Concen: 12.960 ng/ul
 RT: 13.77 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BN007819.D
 Acq: 24 Sep 2019 01:40

Tgt Ion:163 Resp: 1594028
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.4 5.2
 164 10.0 8.4 12.6

