

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092319\
 Data File : BN007818.D
 Acq On : 24 Sep 2019 01:04
 Operator : HP/JU
 Sample : K4895-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 24 04:01:21 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	576278	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	2311662	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	1490413	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	3199193	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	3460917	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	4038734	20.00	ng/ul	0.00

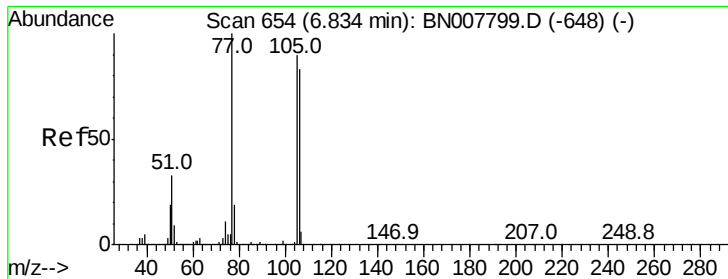
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	15242	1.01	ng/uL	0.01
5) Phenol-d5	6.86	99	331775	6.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	668981	21.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	767912	20.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	574734	13.74	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	449652	26.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	487631	30.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	925959	24.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1297497	26.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	3419510	28.83	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	3616753	26.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	160216	7.59	ng/ul	0.00
57) Fluorene-d10	15.31	176	2871712	27.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	511736	29.64	ng/ul	0.00
70) Anthracene-d10	17.16	188	4849363	30.45	ng/ul	0.00
78) Pyrene-d10	19.46	212	5784047	31.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	6666261	31.72	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.85	77	80390	2.610	ng/ul#	1
6) Phenol	6.89	94	3135613	52.591	ng/ul	100
11) 2-Methylphenol	8.13	108	770897	18.233	ng/ul	98
14) Acetophenone	8.49	105	186418	2.754	ng/ul#	45
16) 4-Methylphenol	8.45	108	3303713	71.233	ng/ul	100
24) 2,4-Dimethylphenol	9.65	107	1799480	36.905	ng/ul	99
28) Naphthalene	10.51	128	2231788	17.121	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	954630	10.142	ng/ul	99
44) Dimethylphthalate	13.77	163	660259	5.462	ng/ul	100
69) Phenanthrene	17.10	178	201765	1.063	ng/ul	98
71) Anthracene	17.10	178	202127	1.064	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.19	149	396013	2.935	ng/ul	97

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



#4

Benzaldehyde

Concen: 2.610 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.02 min

Lab File: BN007818.D

Acq: 24 Sep 2019 01:04

Instrument :

BNA_N

ClientSampleId :

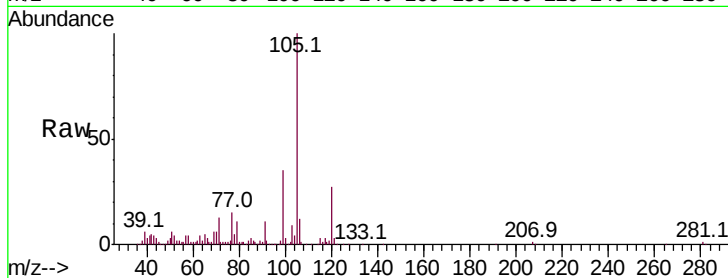
Tot Ion: 77 Resp: 80390

Ion Ratio Lower Upper

77 100

105 646.3 72.2 108.4#

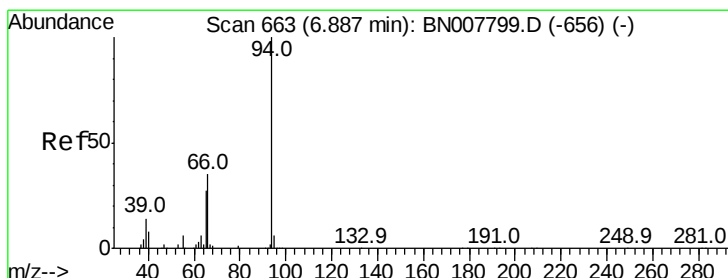
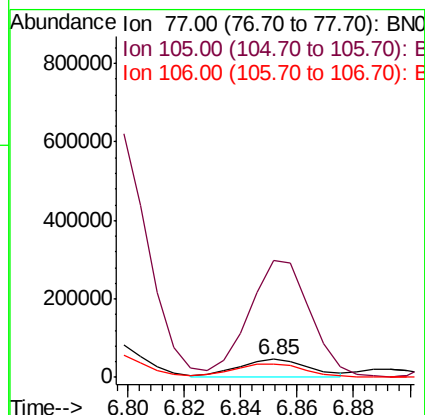
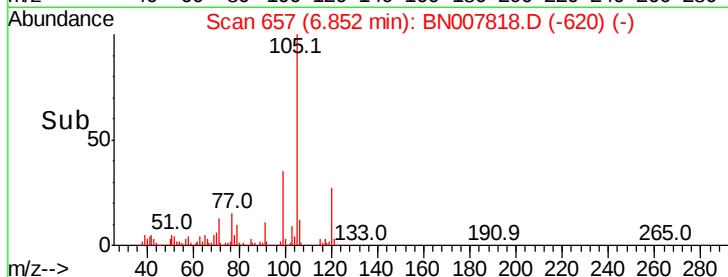
106 74.7 69.6 104.4



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC



#6

Phenol

Concen: 52.591 ng/ul

RT: 6.89 min Scan# 664

Delta R.T. 0.01 min

Lab File: BN007818.D

Acq: 24 Sep 2019 01:04

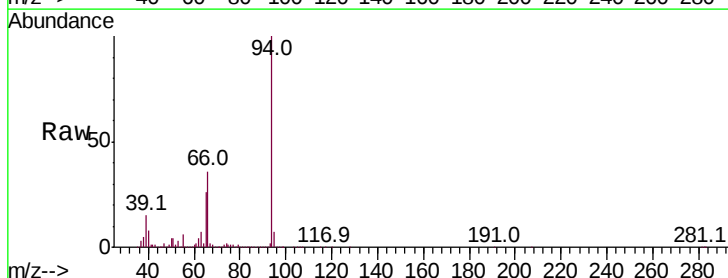
Tgt Ion: 94 Resp: 3135613

Ion Ratio Lower Upper

94 100

65 26.5 20.7 31.1

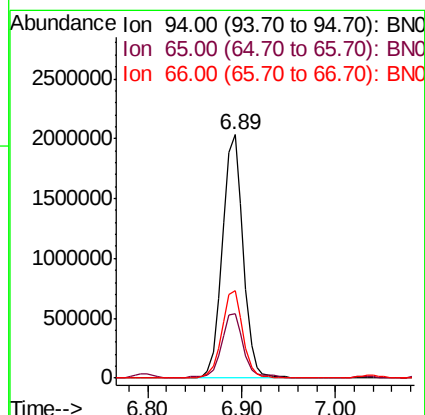
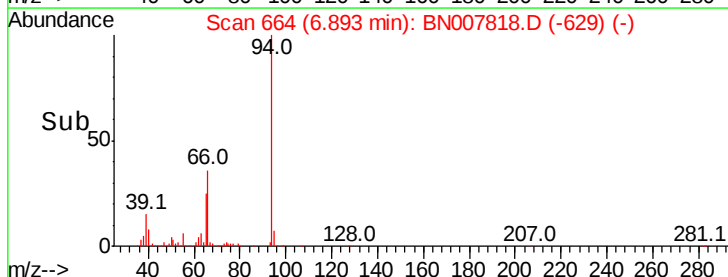
66 35.7 28.6 42.8

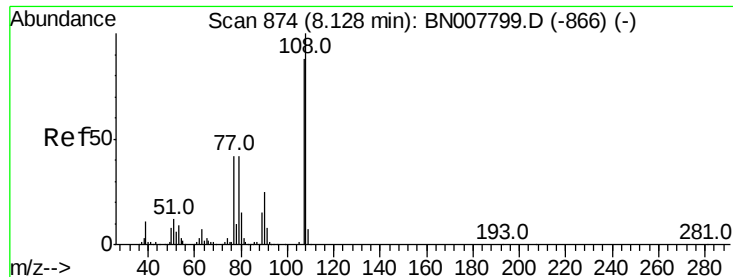


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC





#11

2-Methylphenol

Concen: 18.233 ng/ul

RT: 8.13 min Scan# 874

Delta R.T. 0.00 min

Lab File: BN007818.D

Acq: 24 Sep 2019 01:04

Instrument :

BNA_N

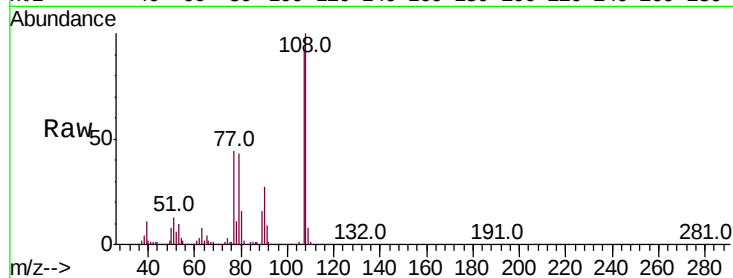
ClientSampled :

Tot Ion:108 Resp: 770897

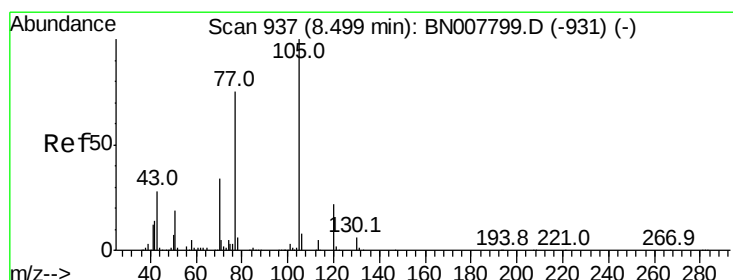
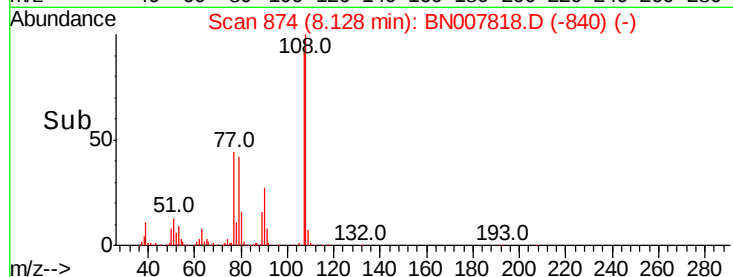
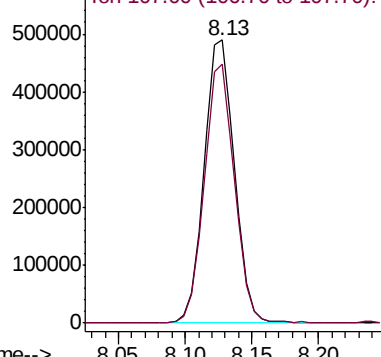
Ion Ratio Lower Upper

108 100

107 91.6 71.4 107.2



Abundance Ion 108.00 (107.70 to 108.70): E



#14

Acetophenone

Concen: 2.754 ng/ul

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BN007818.D

Acq: 24 Sep 2019 01:04

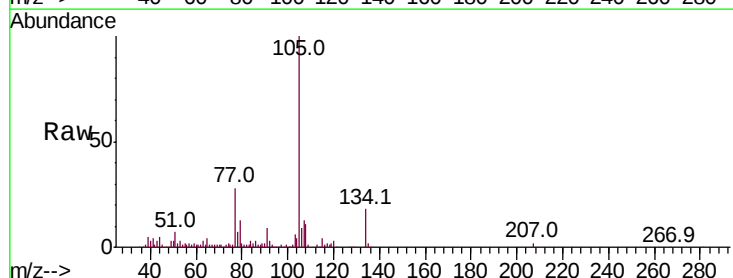
Tgt Ion:105 Resp: 186418

Ion Ratio Lower Upper

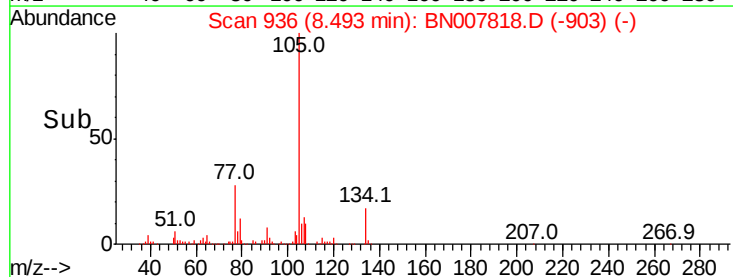
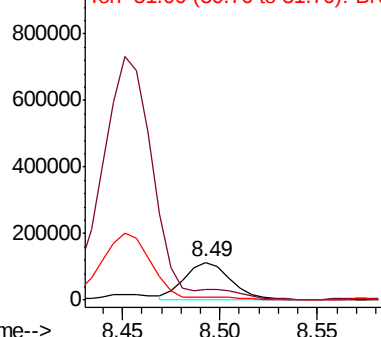
105 100

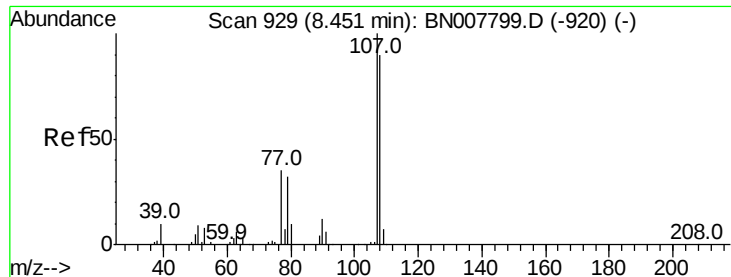
77 28.0 66.5 99.7#

51 7.1 16.3 24.5#



Abundance Ion 105.00 (104.70 to 105.70): E

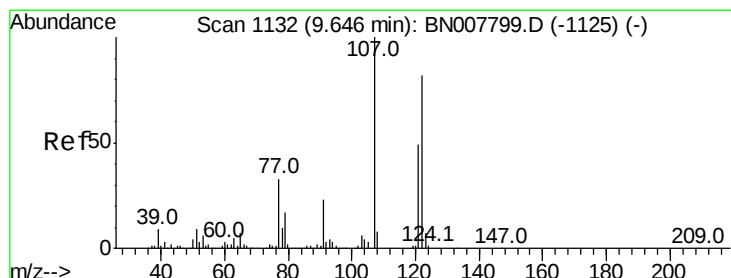
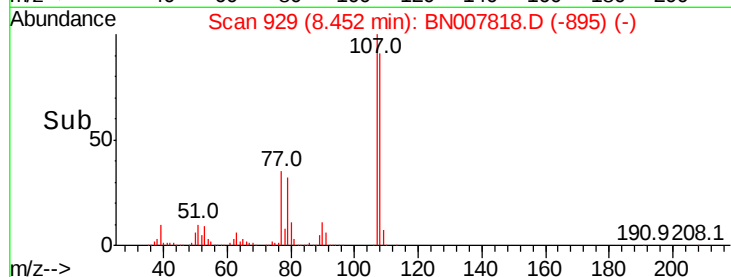
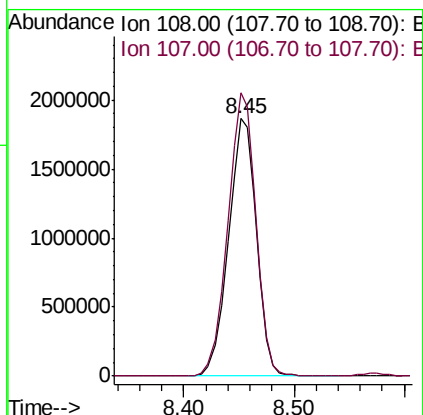
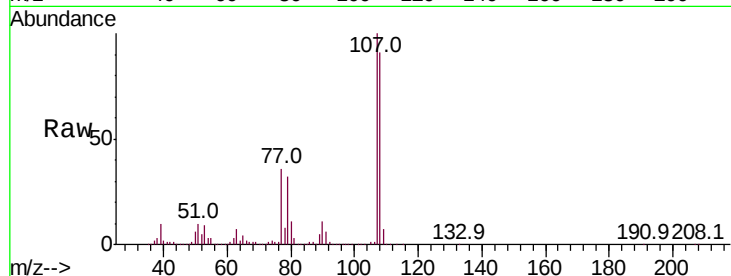




#16
4-Methylphenol
Concen: 71.233 ng/ul
RT: 8.45 min Scan# 929
Delta R.T. 0.00 min
Lab File: BN007818.D
Acq: 24 Sep 2019 01:04

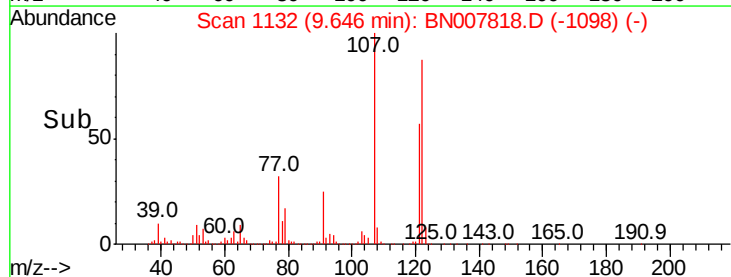
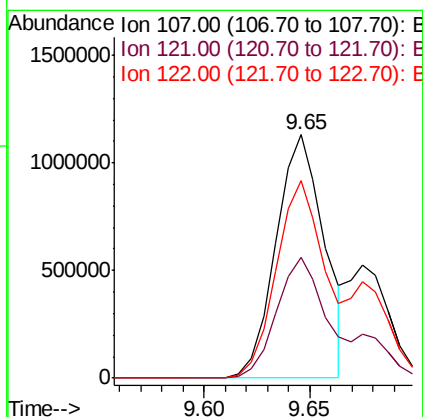
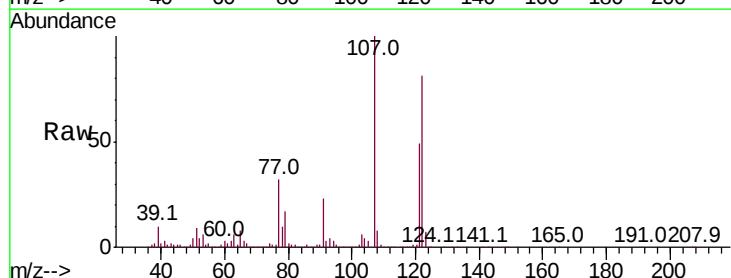
Instrument :
BNA_N
ClientSampleId :

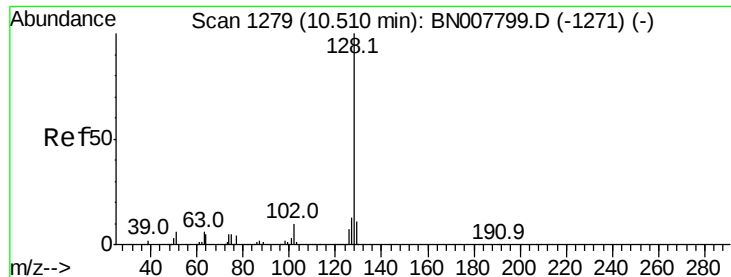
Tot Ion:108 Resp: 3303713
Ion Ratio Lower Upper
108 100
107 110.1 88.0 132.0



#24
2,4-Dimethylphenol
Concen: 36.905 ng/ul
RT: 9.65 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BN007818.D
Acq: 24 Sep 2019 01:04

Tgt Ion:107 Resp: 1799480
Ion Ratio Lower Upper
107 100
121 49.4 38.8 58.2
122 80.9 64.2 96.4





#28

Naphthalene

Concen: 17.121 ng/ul

RT: 10.51 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BN007818.D

Acq: 24 Sep 2019 01:04

Instrument :

BNA_N

ClientSampleId :

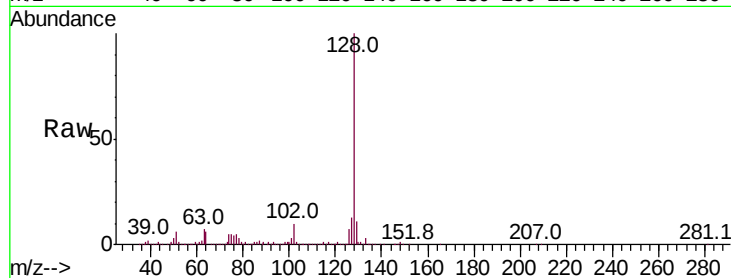
Tot Ion:128 Resp: 2231788

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.4

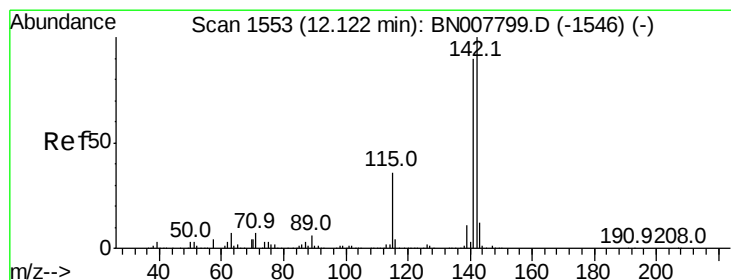
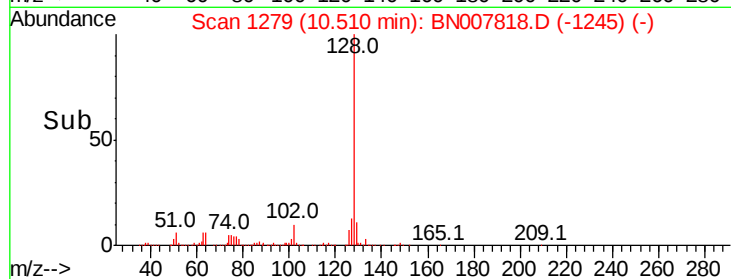
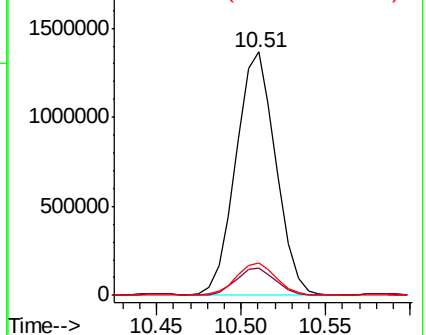
127 13.4 11.0 16.4



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: 10.142 ng/ul

RT: 12.12 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BN007818.D

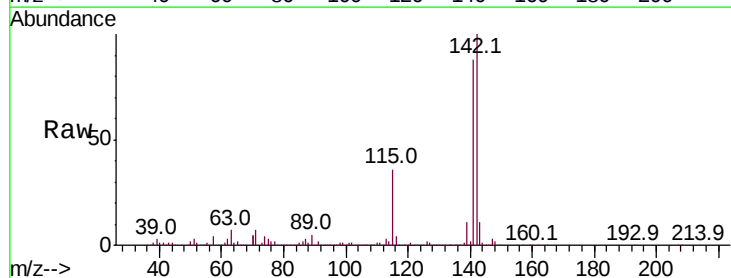
Acq: 24 Sep 2019 01:04

Tgt Ion:142 Resp: 954630

Ion Ratio Lower Upper

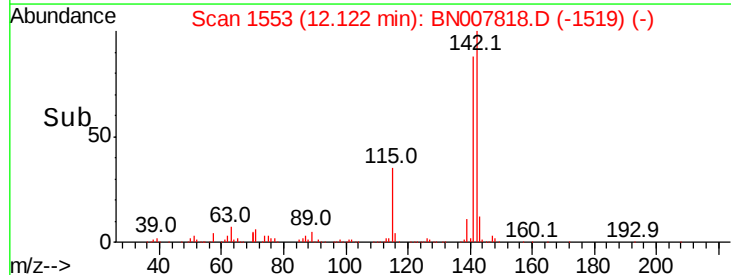
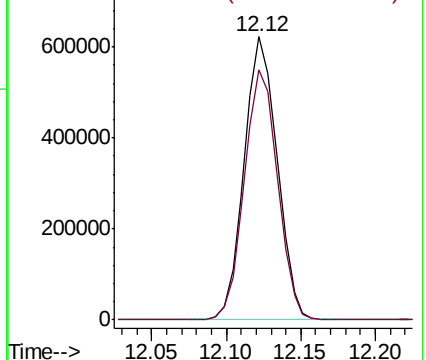
142 100

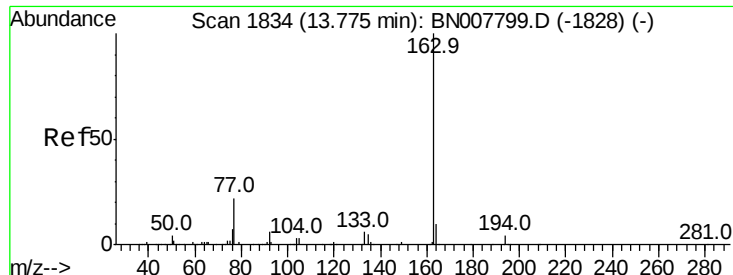
141 88.3 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

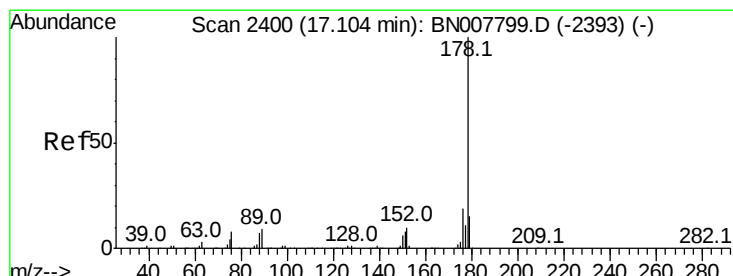
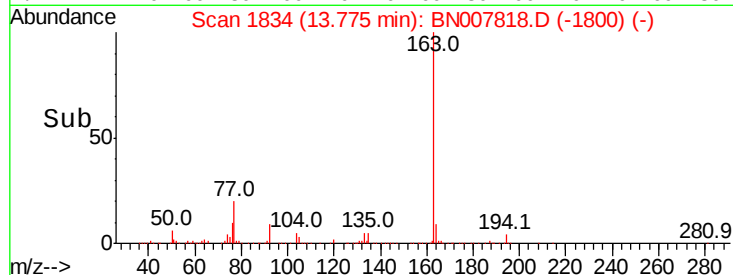
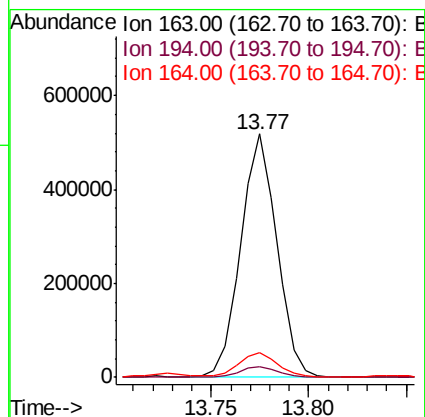
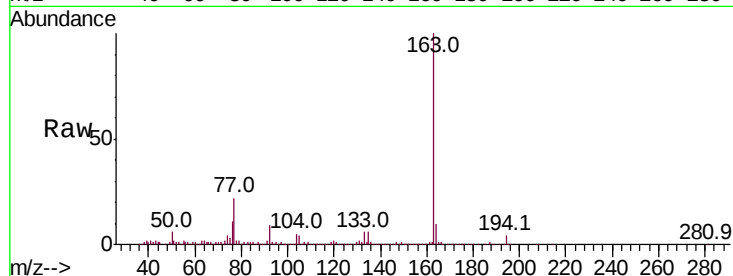




#44
Dimethylphthalate
Concen: 5.462 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BN007818.D
Acq: 24 Sep 2019 01:04

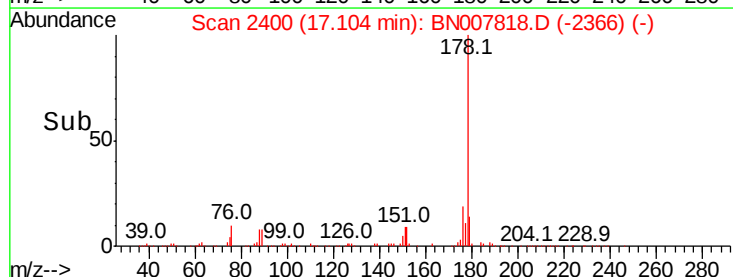
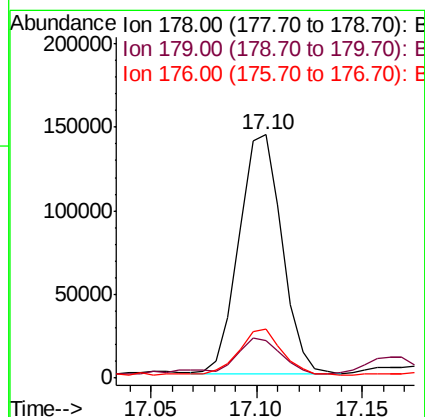
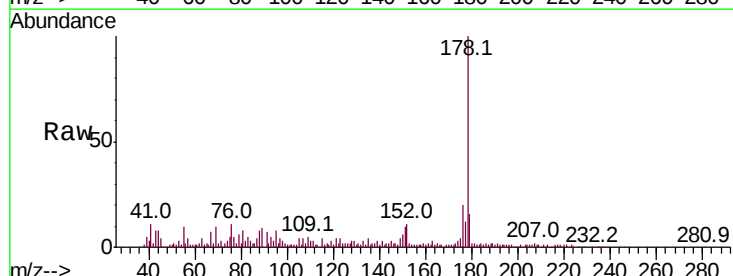
Instrument :
BNA_N
ClientSampleId :

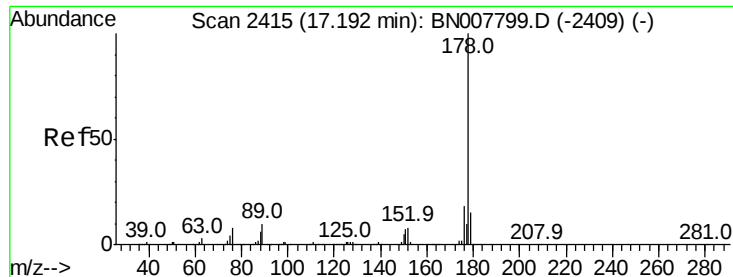
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.3	8.4	12.6



#69
Phenanthrene
Concen: 1.063 ng/ul
RT: 17.10 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BN007818.D
Acq: 24 Sep 2019 01:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.9	17.9
176	20.3	15.2	22.8

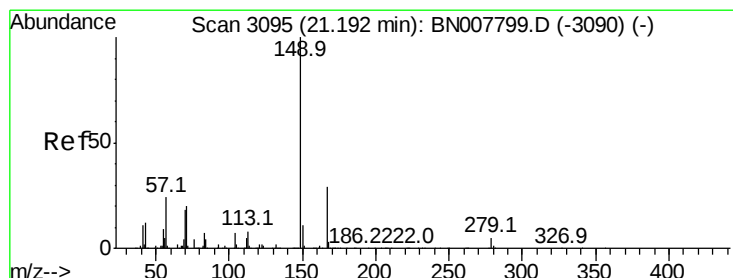
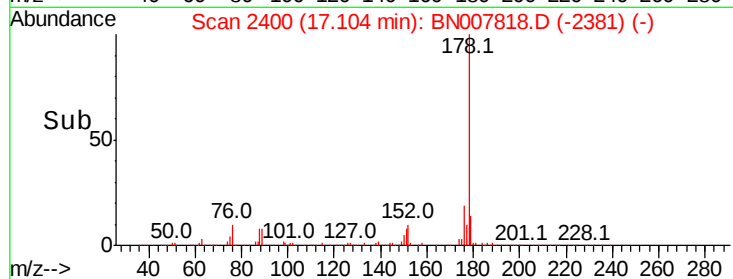
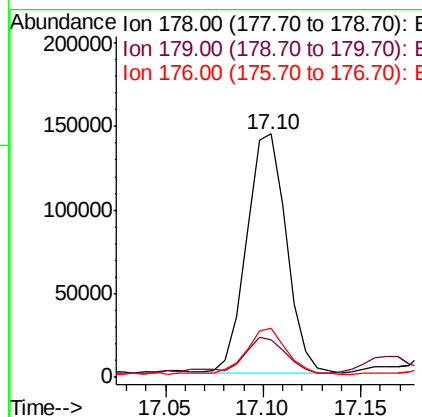
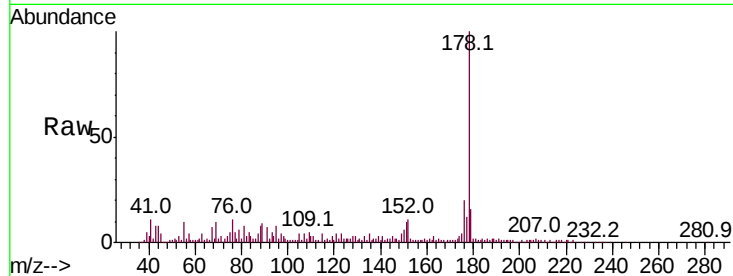




#71
 Anthracene
 Concen: 1.064 ng/ul
 RT: 17.10 min Scan# 2400
 Delta R.T. -0.09 min
 Lab File: BN007818.D
 Acq: 24 Sep 2019 01:04

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.7	19.1
176	20.3	15.1	22.7



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.935 ng/ul
 RT: 21.19 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BN007818.D
 Acq: 24 Sep 2019 01:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.8	32.6
279	4.6	3.4	5.0

