

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
 Data File : BN007813.D
 Acq On : 23 Sep 2019 22:05
 Operator : HP/JU
 Sample : K4895-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 24 01:15:23 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	603936	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	2442952	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	1596436	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	3414211	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	3685174	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	4136700	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	17722	1.12	ng/uL	0.01
5) Phenol-d5	6.86	99	323378	5.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	736299	22.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	797075	19.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	552070	12.60	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	487366	27.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	480285	28.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	928794	23.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1456731	28.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	3288804	25.89	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	3522341	24.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	132602	5.87	ng/ul	0.00
57) Fluorene-d10	15.31	176	2838415	25.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	465085	25.24	ng/ul	0.00
70) Anthracene-d10	17.16	188	5036552	29.63	ng/ul	0.00
78) Pyrene-d10	19.46	212	6239601	31.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	6670698	30.99	ng/ul	0.00

Target Compounds

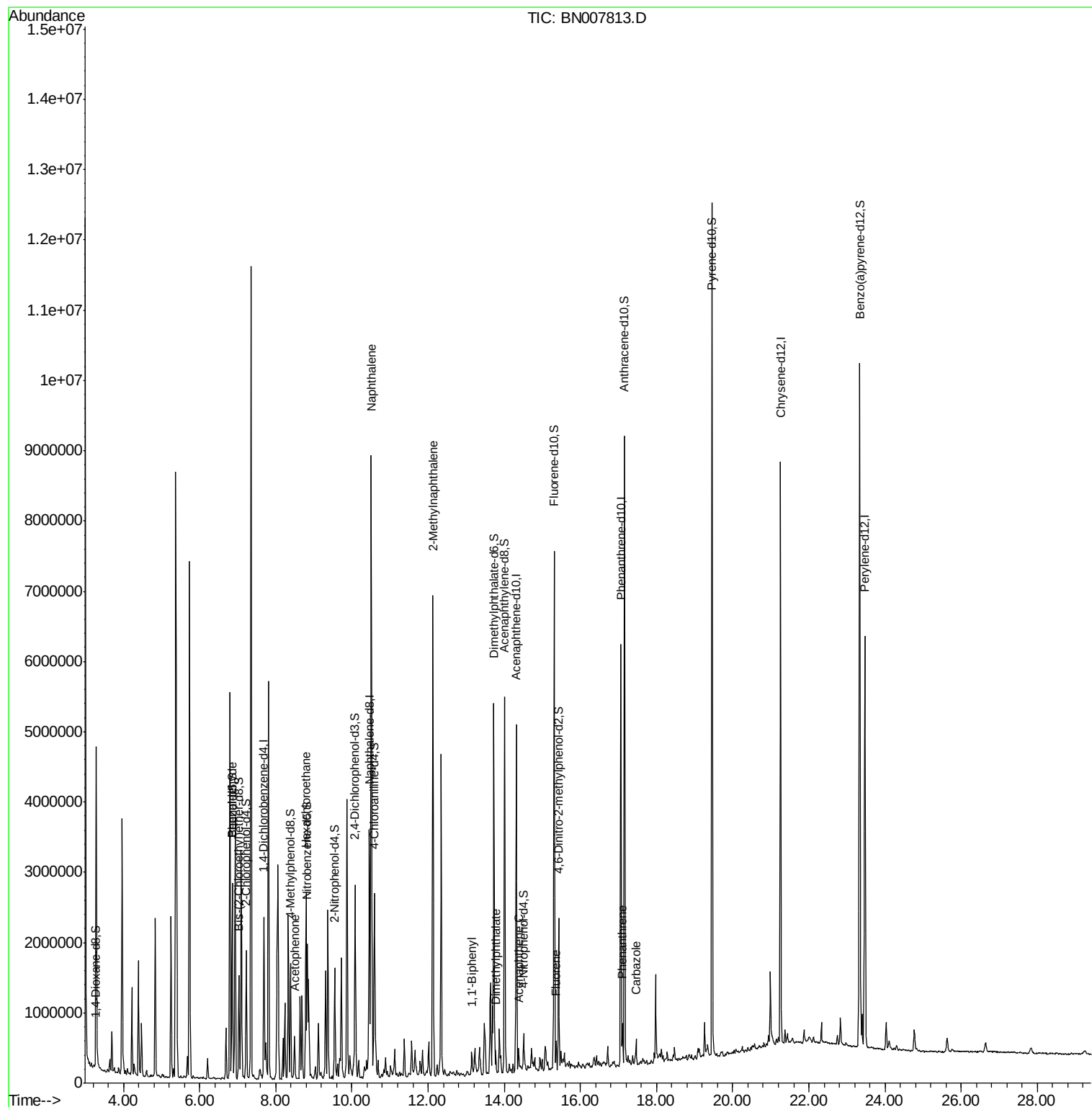
					Ovalue	
4) Benzaldehyde	6.85	77	177201	5.491	ng/ul#	1
14) Acetophenone	8.49	105	421278	5.940	ng/ul#	32
17) Hexachloroethane	8.79	117	313381	17.067	ng/ul#	7
28) Naphthalene	10.51	128	6569675	47.690	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	3184864	32.018	ng/ul	99
40) 1,1'-Biphenyl	13.15	154	161145	1.244	ng/ul	96
44) Dimethylphthalate	13.77	163	194760	1.504	ng/ul	100
49) Acenaphthene	14.38	153	122656	1.138	ng/ul	100
58) Fluorene	15.37	166	137482	1.093	ng/ul	99
69) Phenanthrene	17.10	178	352449	1.741	ng/ul	98
74) Carbazole	17.46	167	237299	1.384	ng/ul	99

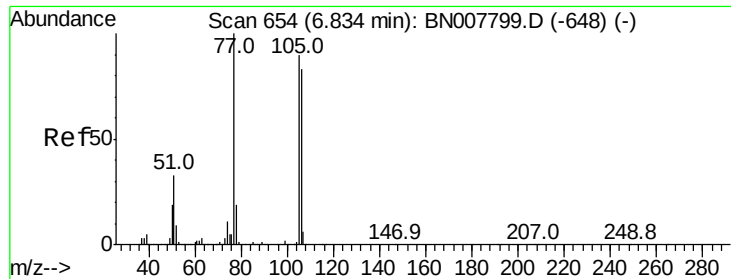
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 23 15:18:07 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 5.491 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.02 min

Lab File: BN007813.D

Acq: 23 Sep 2019 22:05

Instrument :

BNA_N

ClientSampled :

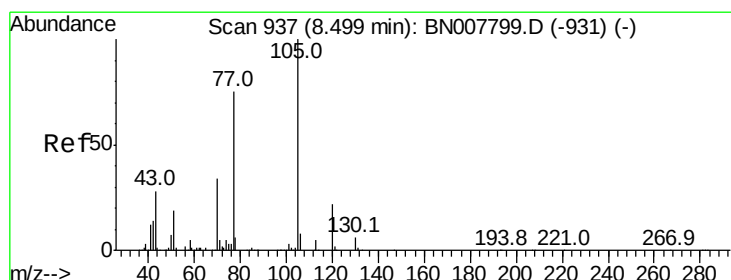
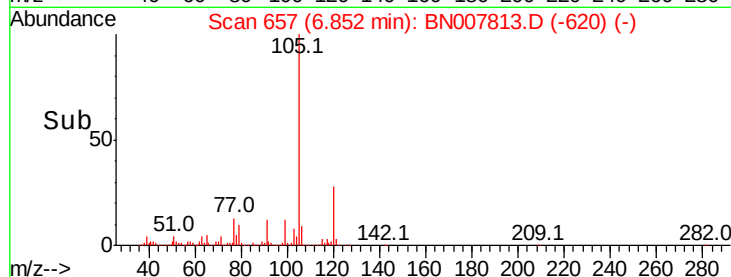
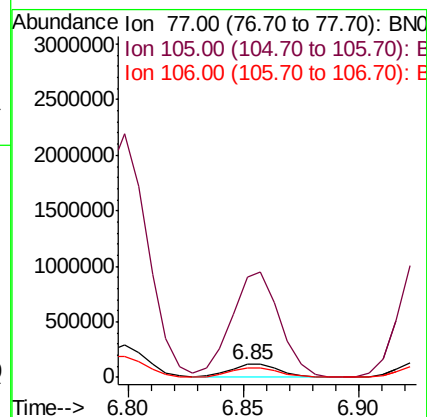
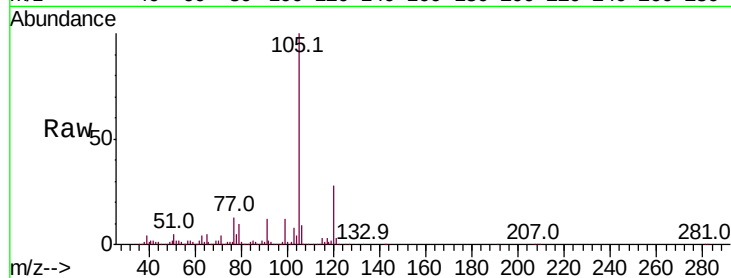
Tot Ion: 77 Resp: 177201

Ion Ratio Lower Upper

77 100

105 760.7 72.2 108.4#

106 70.5 69.6 104.4



#14

Acetophenone

Concen: 5.940 ng/ul

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BN007813.D

Acq: 23 Sep 2019 22:05

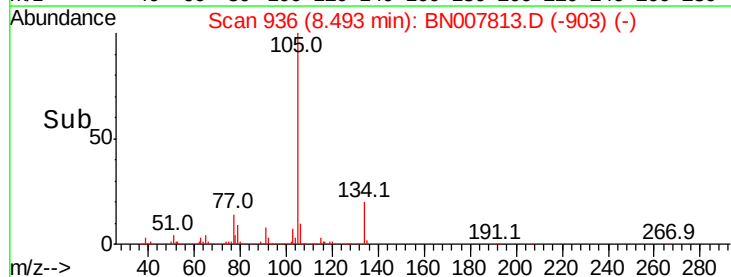
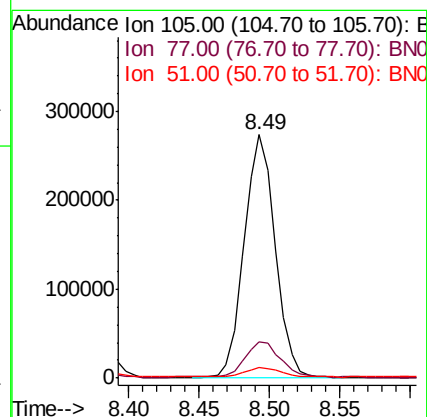
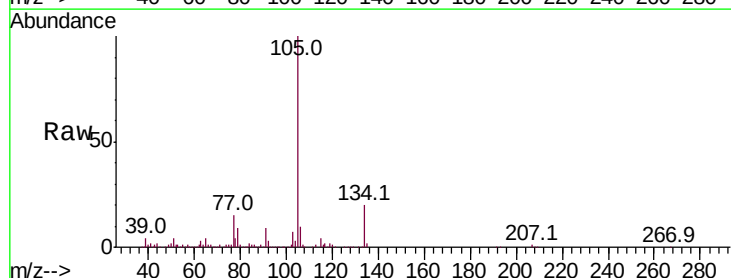
Tgt Ion: 105 Resp: 421278

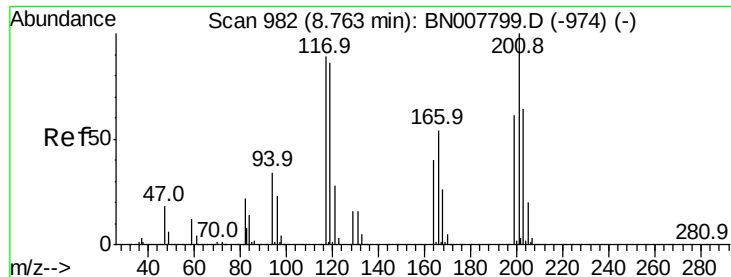
Ion Ratio Lower Upper

105 100

77 14.7 66.5 99.7#

51 4.2 16.3 24.5#





#17

Hexachloroethane

Concen: 17.067 ng/ul

RT: 8.79 min Scan# 987

Delta R.T. 0.03 min

Lab File: BN007813.D

Acq: 23 Sep 2019 22:05

Instrument :

BNA_N

ClientSampleId :

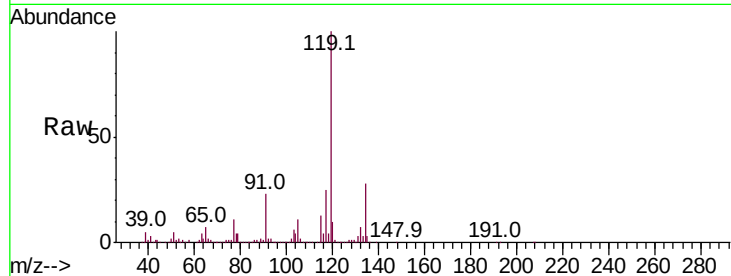
Tot Ion:117 Resp: 313381

Ion Ratio Lower Upper

117 100

201 0.0 81.4 122.0#

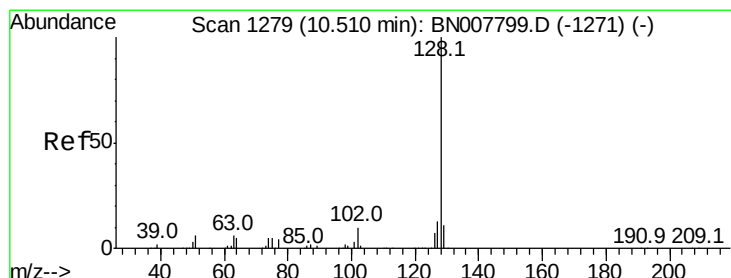
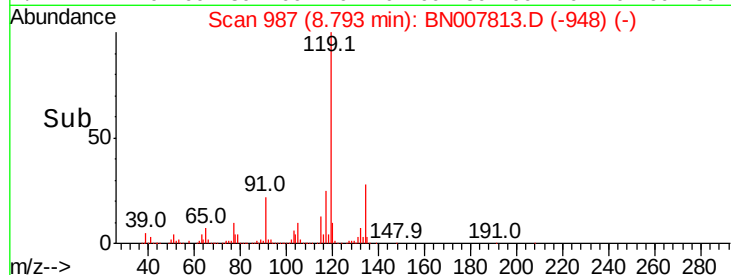
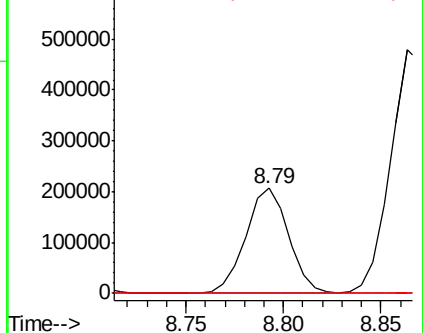
199 0.0 50.8 76.2#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#28

Naphthalene

Concen: 47.690 ng/ul

RT: 10.51 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BN007813.D

Acq: 23 Sep 2019 22:05

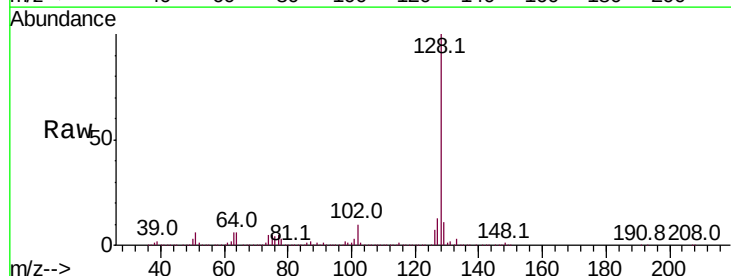
Tgt Ion:128 Resp: 6569675

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

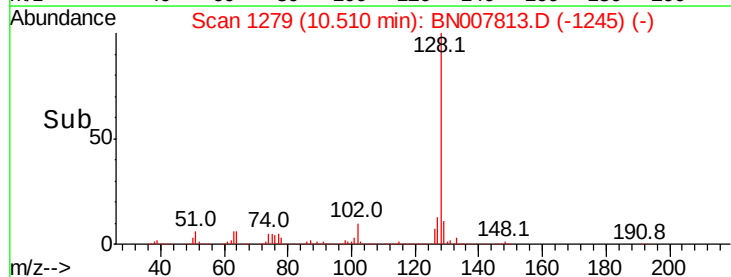
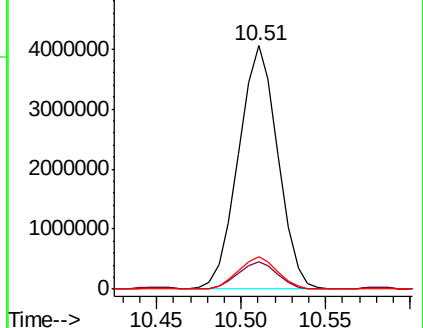
127 13.4 11.0 16.4

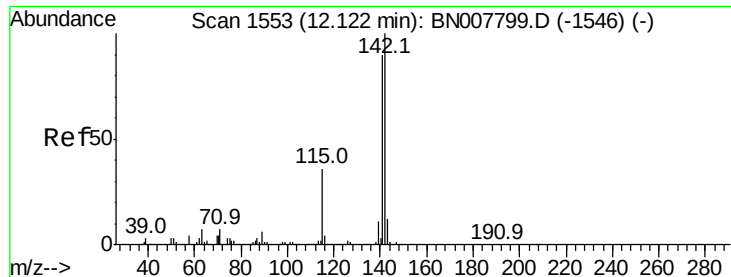


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#34

2-Methylnaphthalene

Concen: 32.018 ng/ul

RT: 12.12 min Scan# 1553

Delta R.T. -0.00 min

Lab File: BN007813.D

Acq: 23 Sep 2019 22:05

Instrument :

BNA_N

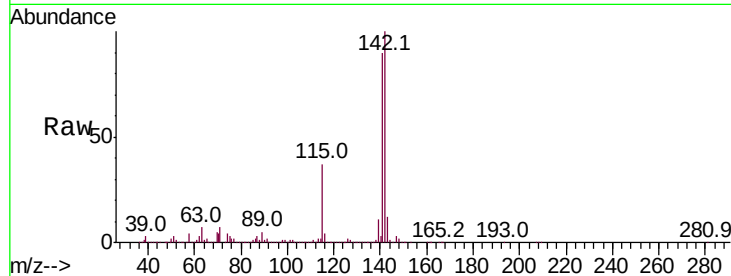
ClientSampled :

Tot Ion:142 Resp: 3184864

Ion Ratio Lower Upper

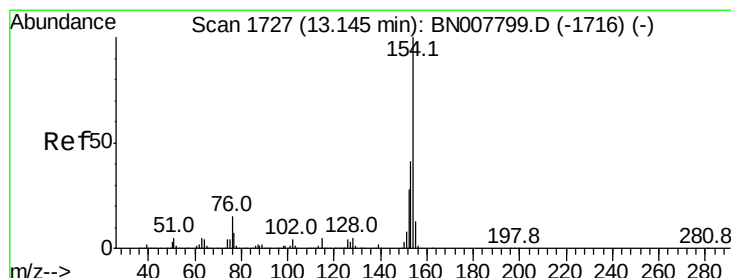
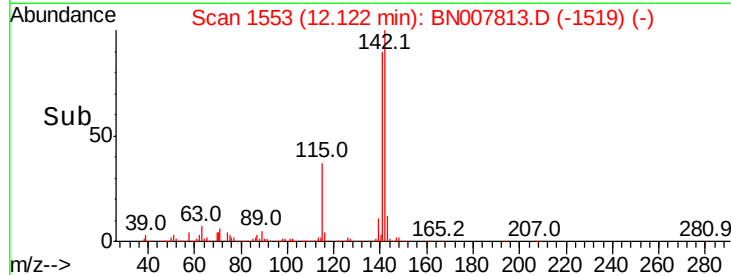
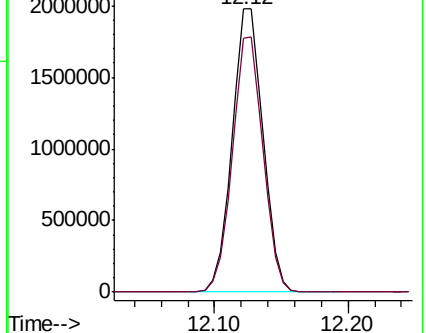
142 100

141 89.8 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#40

1,1'-Biphenyl

Concen: 1.244 ng/ul

RT: 13.15 min Scan# 1727

Delta R.T. -0.00 min

Lab File: BN007813.D

Acq: 23 Sep 2019 22:05

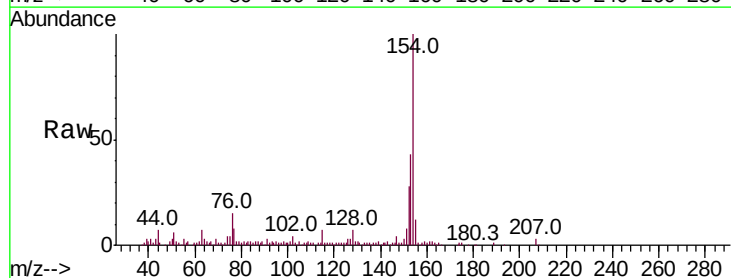
Tgt Ion:154 Resp: 161145

Ion Ratio Lower Upper

154 100

153 42.7 31.9 47.9

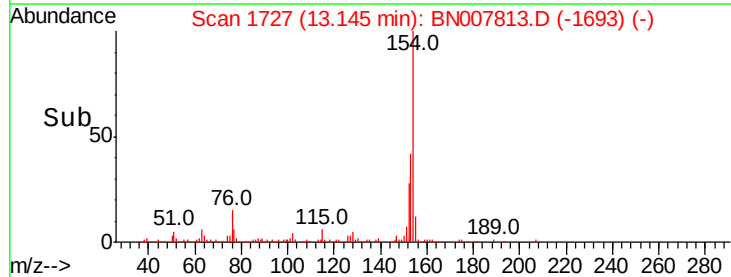
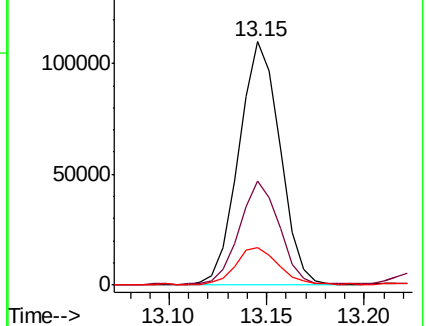
76 15.3 12.9 19.3

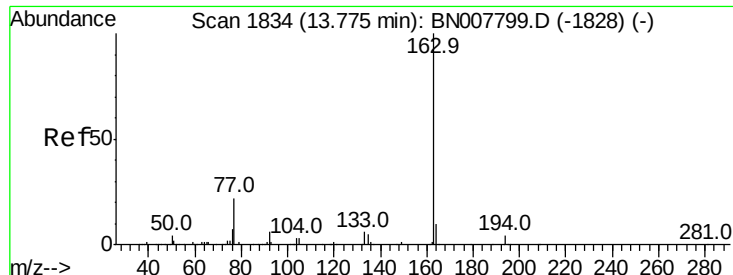


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC

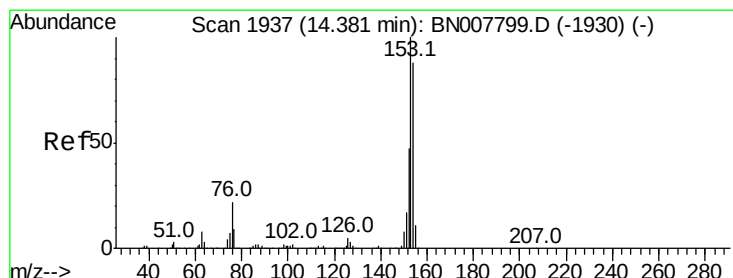
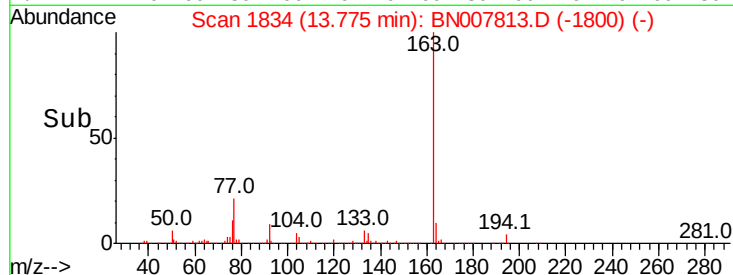
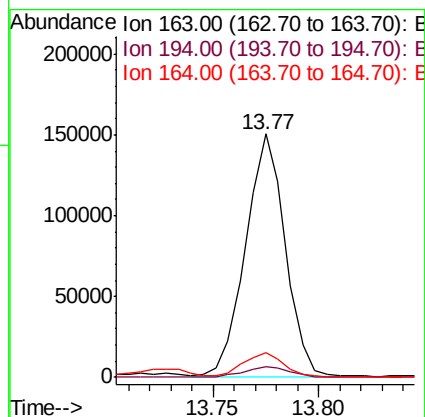
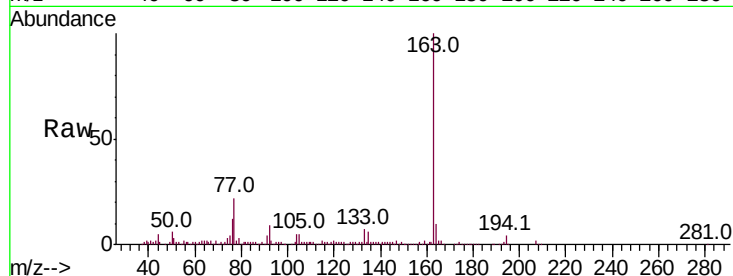




#44
Dimethylphthalate
Concen: 1.504 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BN007813.D
Acq: 23 Sep 2019 22:05

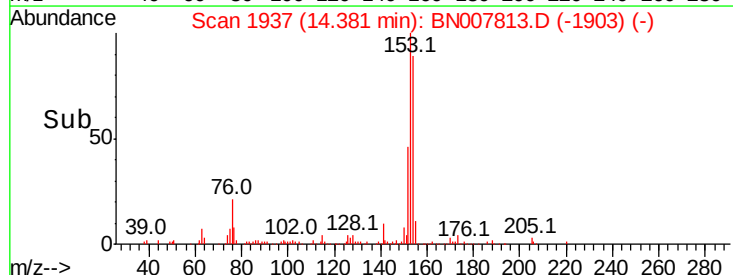
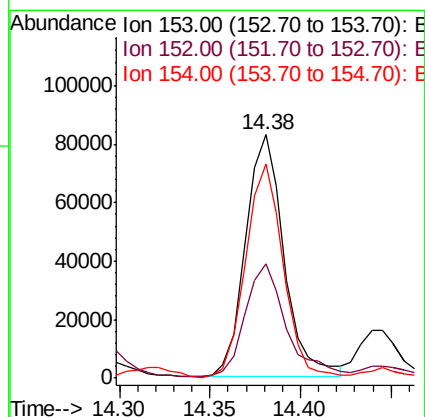
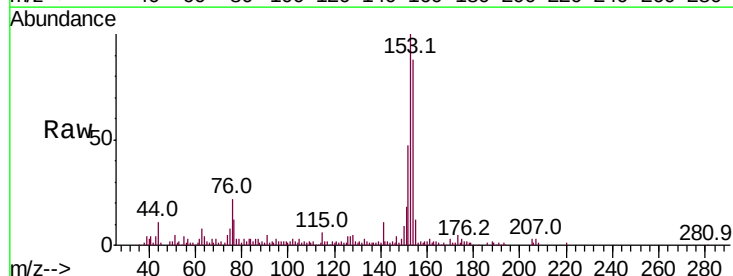
Instrument :
BNA_N
ClientSampleId :

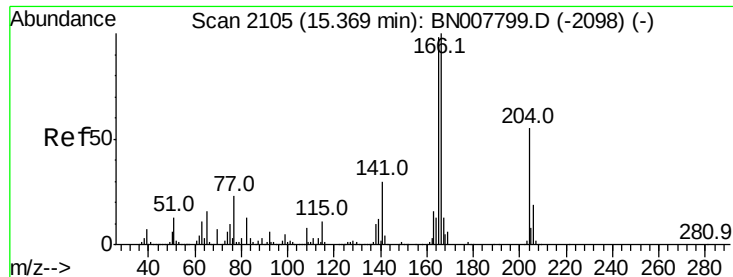
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.4	8.4	12.6



#49
Acenaphthene
Concen: 1.138 ng/ul
RT: 14.38 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BN007813.D
Acq: 23 Sep 2019 22:05

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.8	56.8
154	88.0	70.3	105.5

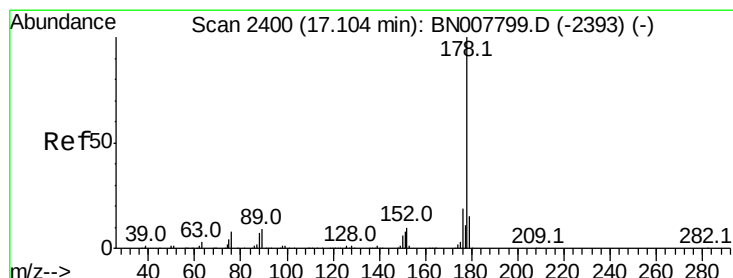
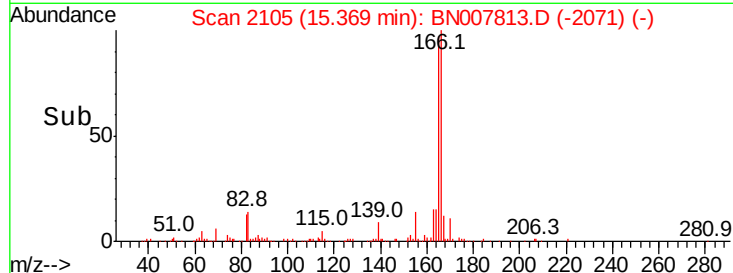
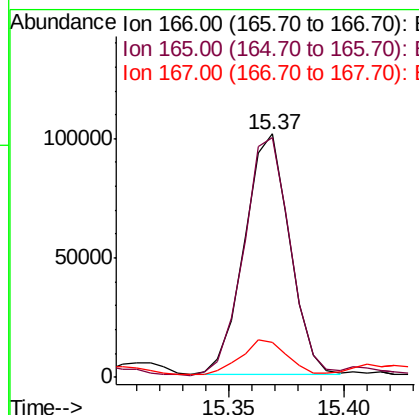
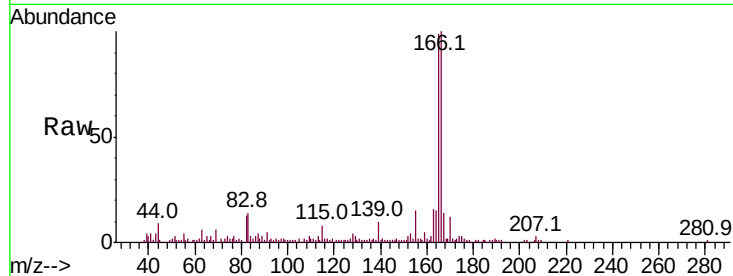




#58
 Fluorene
 Concen: 1.093 ng/ul
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BN007813.D
 Acq: 23 Sep 2019 22:05

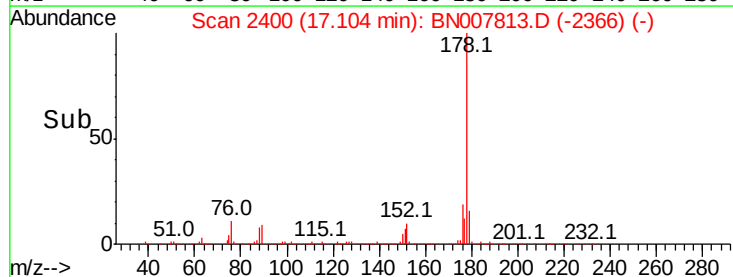
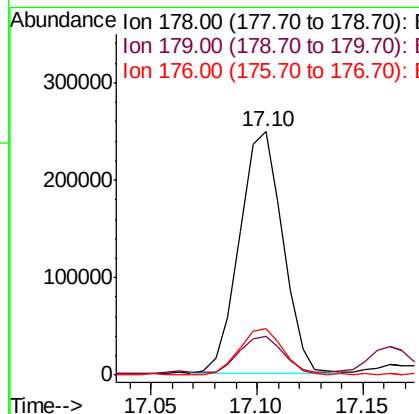
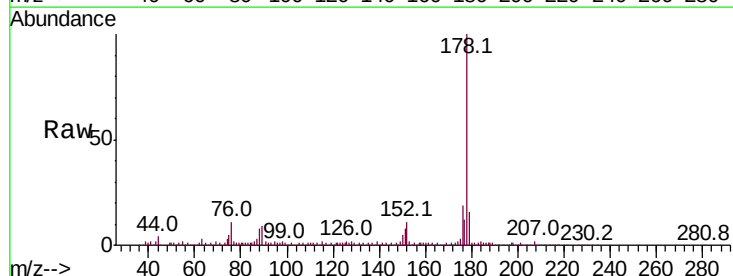
Instrument :
 BNA_N
 ClientSampleId :

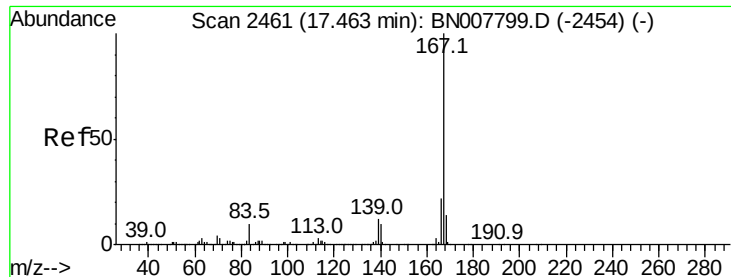
Tot Ion:166 Resp: 137482
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.6 118.0
 167 14.2 10.8 16.2



#69
 Phenanthrene
 Concen: 1.741 ng/ul
 RT: 17.10 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BN007813.D
 Acq: 23 Sep 2019 22:05

Tgt Ion:178 Resp: 352449
 Ion Ratio Lower Upper
 178 100
 179 16.1 11.9 17.9
 176 19.2 15.2 22.8





#74

Carbazole

Concen: 1.384 ng/ul

RT: 17.46 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BN007813.D

Acq: 23 Sep 2019 22:05

Instrument :

BNA_N

ClientSampleId :

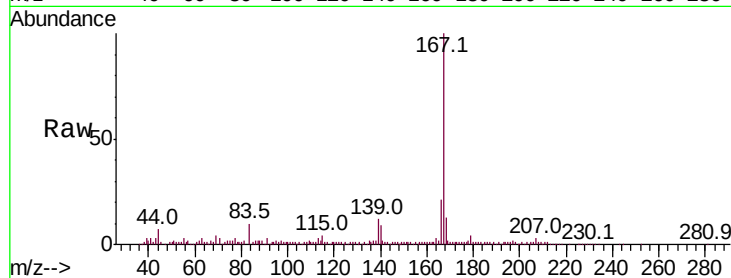
Tot Ion:167 Resp: 237299

Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.4

139 12.3 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

