Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009897.D
Acq On : 25 Feb 2020 12:41
Operator : CG/JU
Sample : L1582-07DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ9DL

Quant Time: Feb 25 14:01:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 07:22:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	119324	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	497903	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	307105	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	660758	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	633149	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	666501	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	526	0.18	ng/uL	0.01
5) Phenol-d5	6.60	99	10904	1.07	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	44254	6.32	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	35537	4.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	21985	2.72	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	23467	6.44	ng/ul	0.01
22) 2-Nitrophenol-d4	9.25	143	23750	5.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	44041	5.75	ng/ul	0.01
29) 4-Chloroaniline-d4	10.30	131	6863	0.80	ng/ul	0.01
44) Dimethylphthalate-d6	13.45	166	156619	6.83	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	180436	6.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	2023	0.48	ng/ul	0.04
58) Fluorene-d10	15.03	176	140925	7.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	14698	3.58	ng/ul	0.01
71) Anthracene-d10	16.88	188	220326	7.27	ng/ul	0.00
79) Pyrene-d10	19.19	212	240564	7.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	228937	6.88	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	8.48	117	7148	1.95	ng/ul#	9
30) 4-Chloroaniline	10.23	127	5556450	630.41	ng/ul#	9
34) 2-Methylnaphthalene	11.81	142	3402371	182.50	ng/ul	96
35) 1-Methylnaphthalene	12.03	142	1651914	88.40	ng/uL	99
41) 1,1'-Biphenyl	12.85	154	578967	24.55	ng/ul	98
50) Acenaphthene	14.09	153	1905934	95.08	ng/ul	99
54) Dibenzofuran	14.43	168	1490170	52.96	ng/ul	97
59) Fluorene	15.09	166	763520	32.34	ng/ul	98
61) 4-Nitroaniline	15.09	138	9243	1.75	ng/ul#	15
70) Phenanthrene	16.82	178	889678	23.59	ng/ul	98
72) Anthracene	16.82	178	889678	23.08	ng/ul	99
75) Carbazole	17.20	167	1756589	51.74	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
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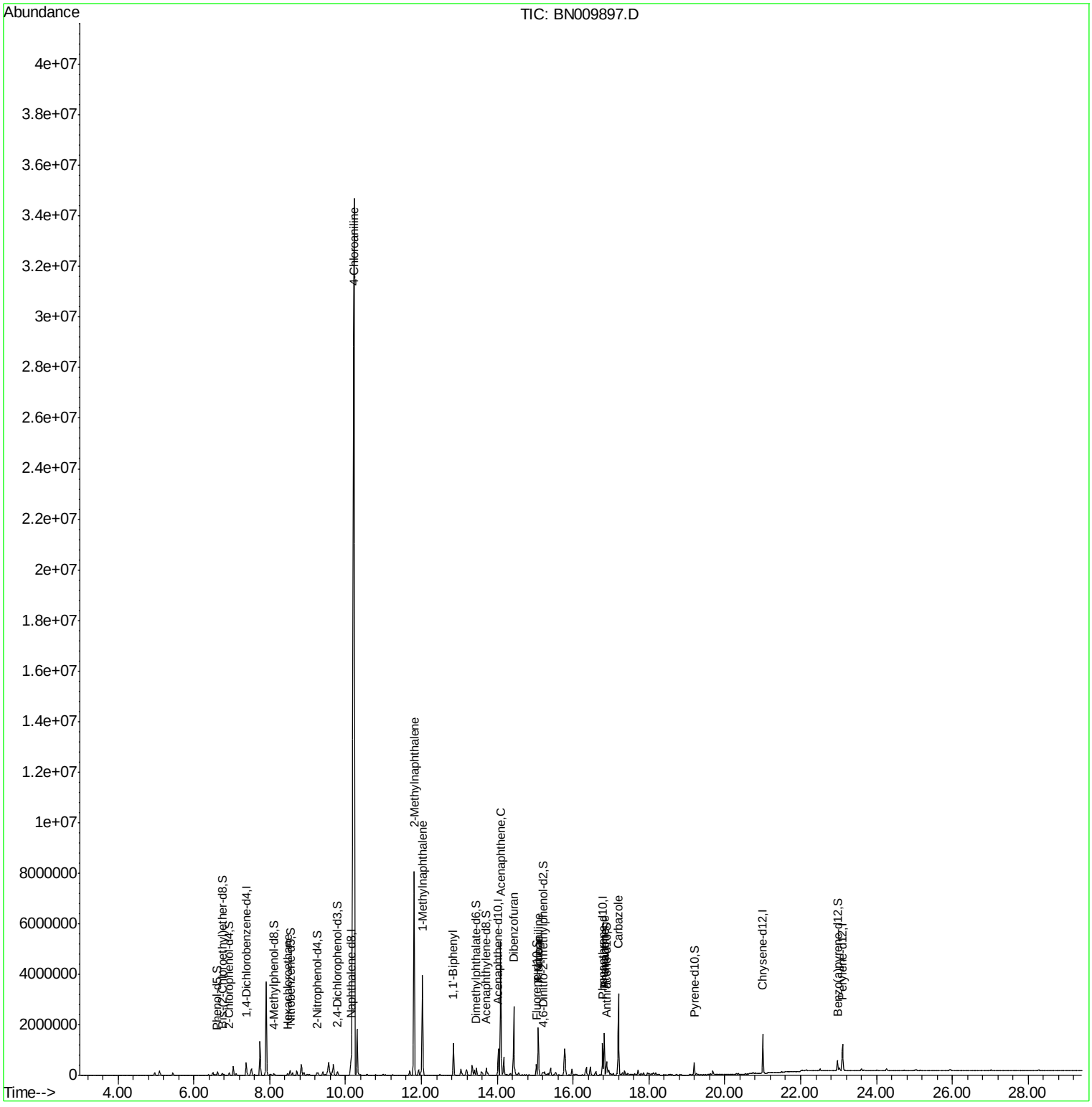
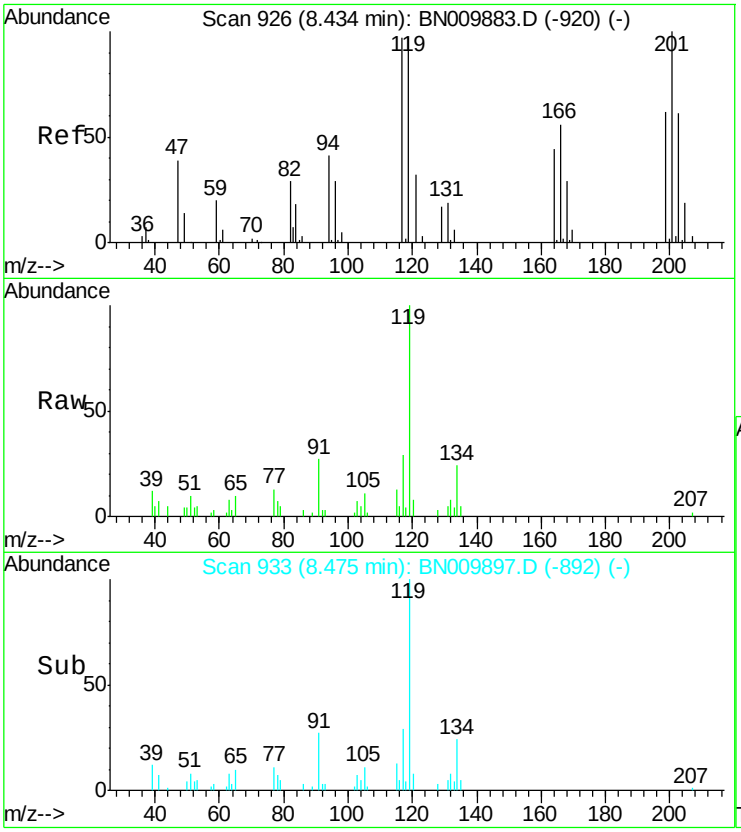
Acq On : 25 Feb 2020 12:41
Operator : CG/JU
Sample : L1582-07DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDJ9DL

Quant Time: Feb 25 14:01:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 07:22:29 2020
Response via : Initial Calibration



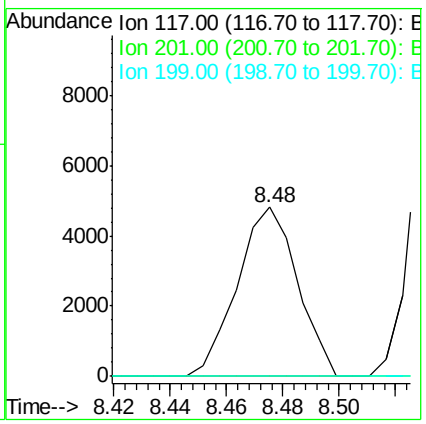


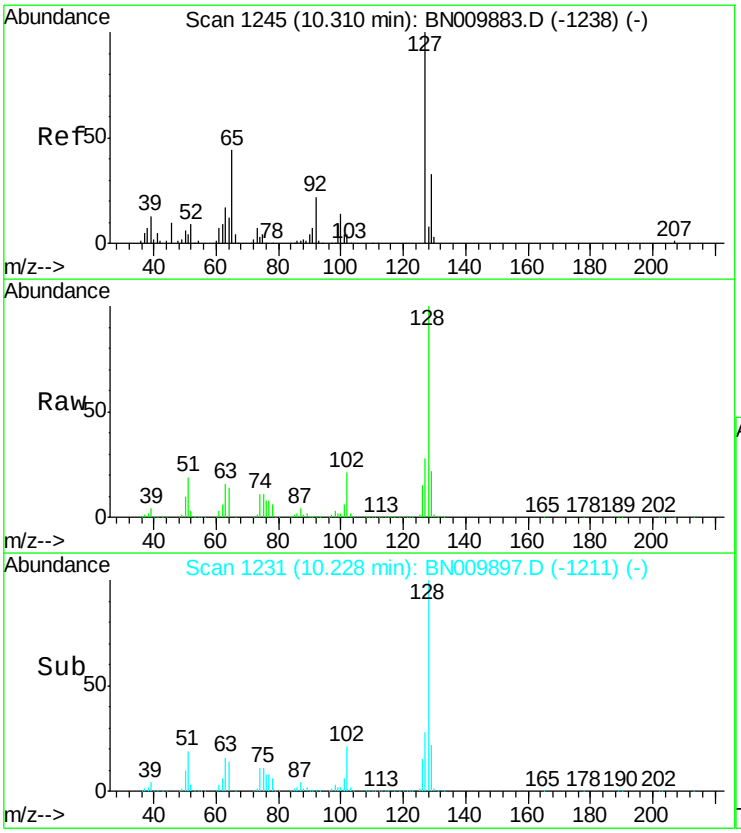
#17
Hexachloroethane
Concen: 1.95 ng/ul
RT: 8.48 min Scan# 933
Delta R.T. 0.04 min
Lab File: BN009897.D
Acq: 25 Feb 2020 12:41

Instrument :
BNA_N
ClientSampleId :
DBDJ9DL

Tgt Ion:117 Resp: 7148

Ion	Ratio	Lower	Upper
117	100		
201	0.0	76.6	115.0#
199	0.0	49.1	73.7#

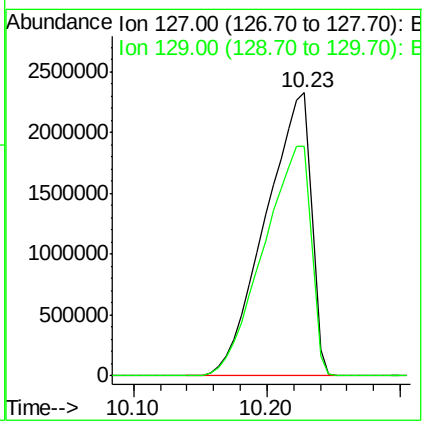


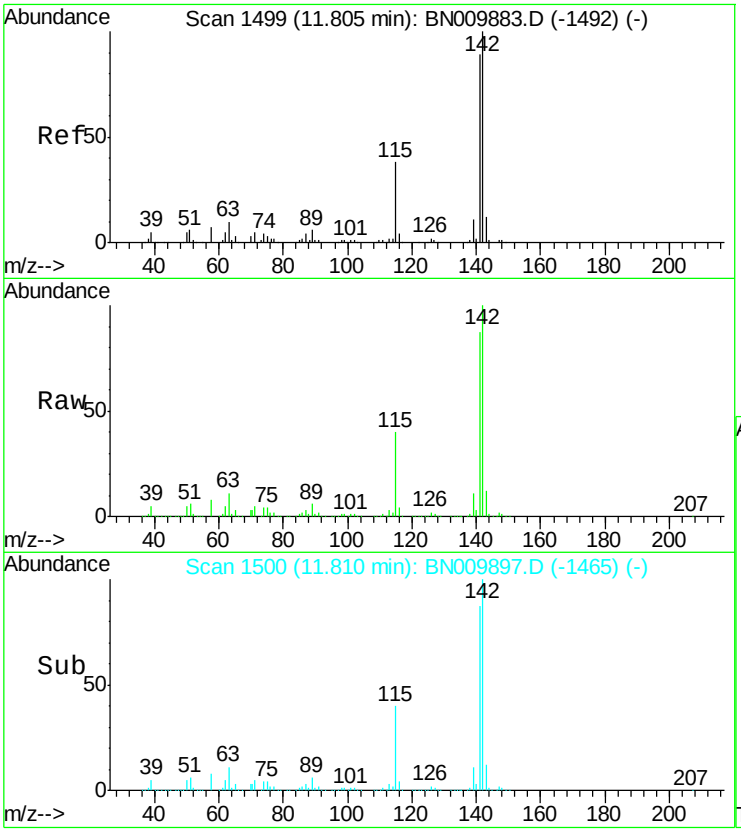


#30
4-Chloroaniline
Concen: 630.41 ng/ul
RT: 10.23 min Scan# 1231
Delta R.T. -0.08 min
Lab File: BN009897.D
Acq: 25 Feb 2020 12:41

Tgt Ion:127 Resp: 5556450

Ion	Ratio	Lower	Upper
127	100		
129	81.1	24.8	37.2#



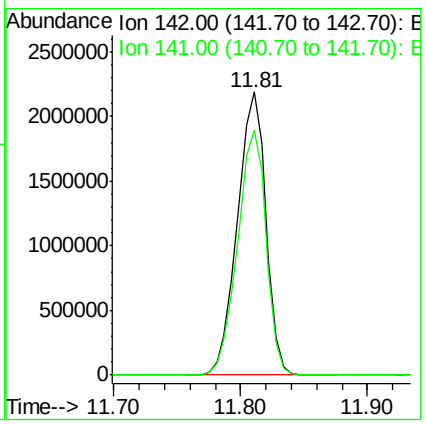


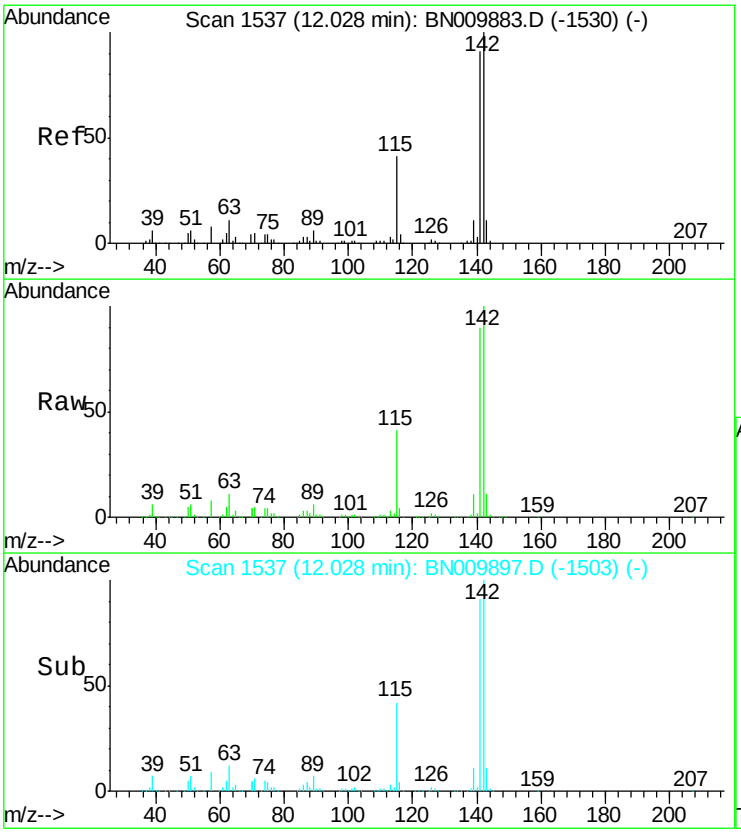
#34
2-Methylnaphthalene
Concen: 182.50 ng/ul
RT: 11.81 min Scan# 1500
Delta R.T. 0.01 min
Lab File: BN009897.D
Acq: 25 Feb 2020 12:41

Instrument :
BNA_N
ClientSampleId :
DBDJ9DL

Tgt Ion:142 Resp: 3402371

Ion	Ratio	Lower	Upper
142	100		
141	86.6	72.1	108.1

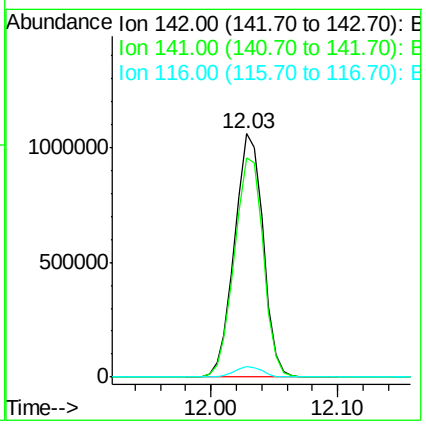


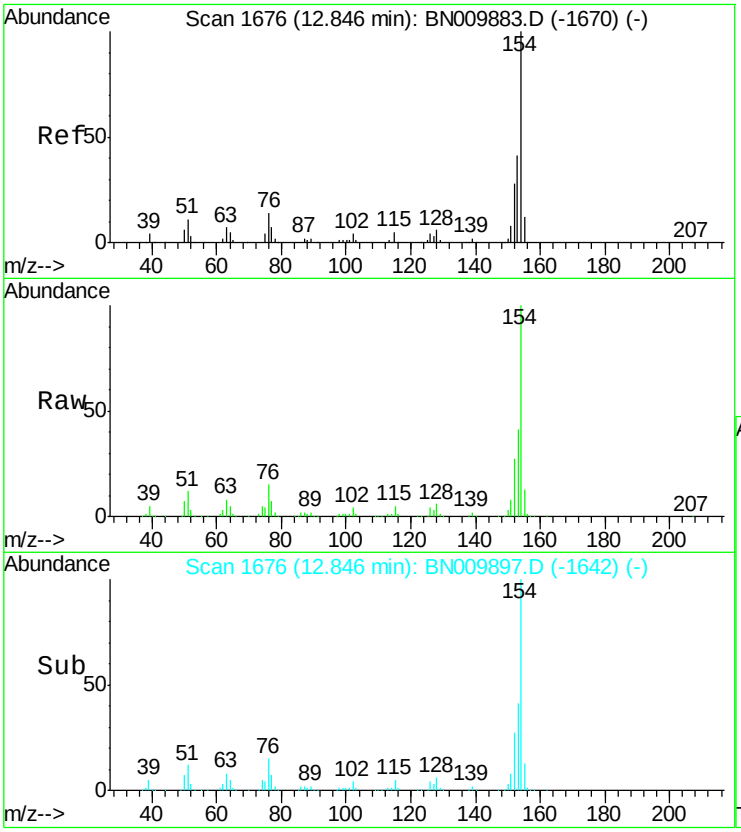


#35
1-Methylnaphthalene
Concen: 88.40 ng/uL
RT: 12.03 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BN009897.D
Acq: 25 Feb 2020 12:41

Tgt Ion:142 Resp: 1651914

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.8	109.2
116	4.4	3.2	4.8



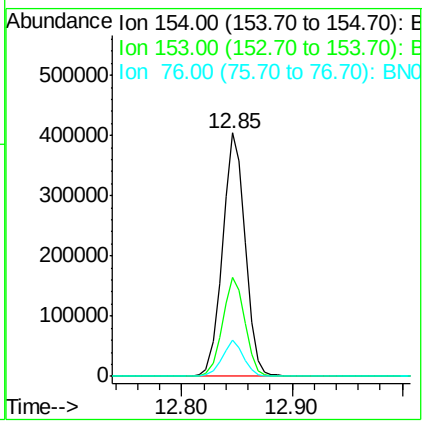


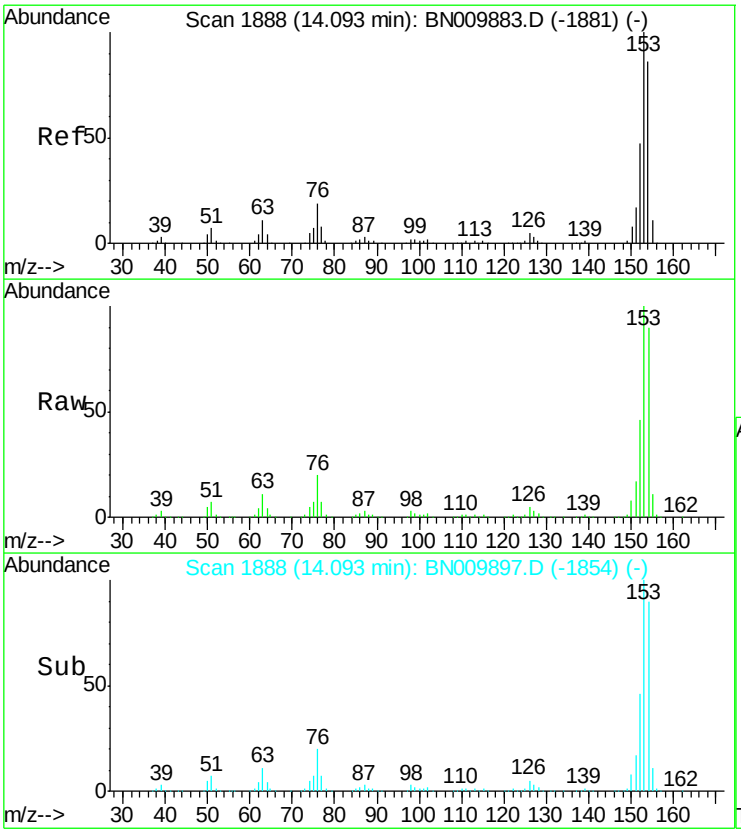
#41
1,1'-Biphenyl
Concen: 24.55 ng/ul
RT: 12.85 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BN009897.D
Acq: 25 Feb 2020 12:41

Instrument :
BNA_N
ClientSampleId :
DBDJ9DL

Tgt Ion:154 Resp: 578967

Ion	Ratio	Lower	Upper
154	100		
153	40.5	33.2	49.8
76	14.7	11.0	16.4

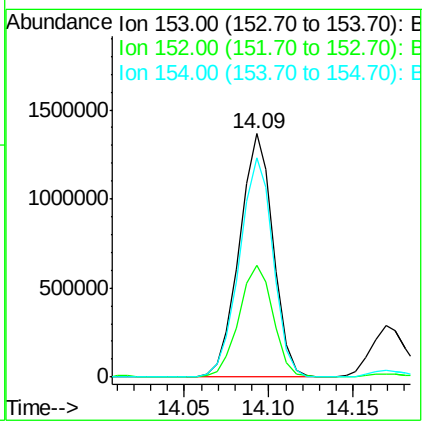


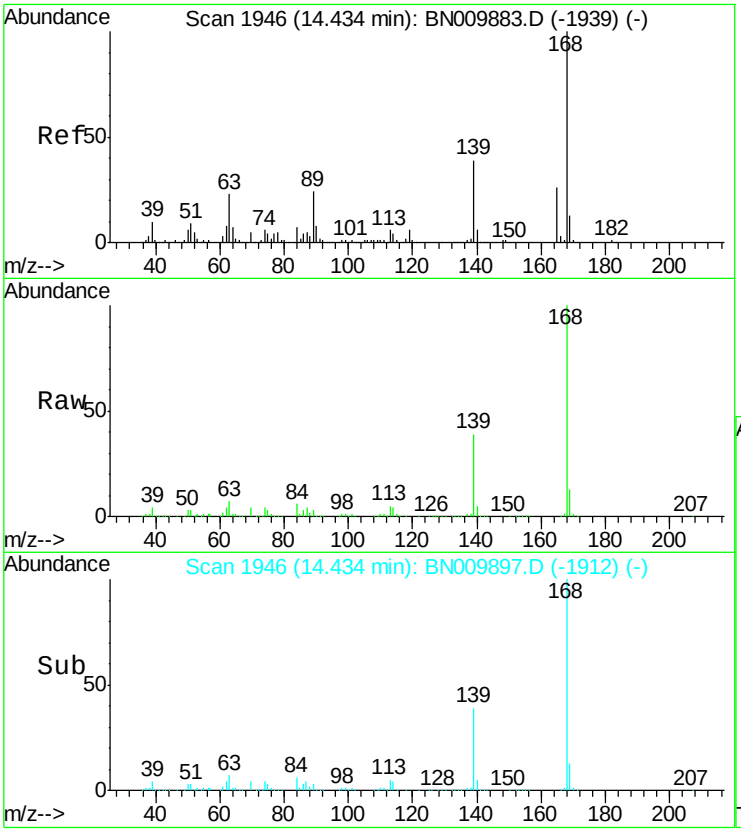


#50
Acenaphthene
Concen: 95.08 ng/ul
RT: 14.09 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BN009897.D
Acq: 25 Feb 2020 12:41

Tgt Ion:153 Resp: 1905934

Ion	Ratio	Lower	Upper
153	100		
152	45.9	36.6	54.8
154	90.1	70.6	106.0



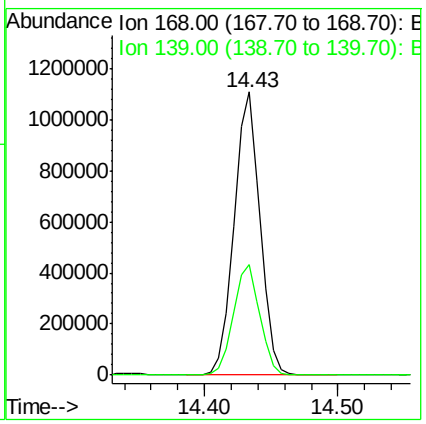


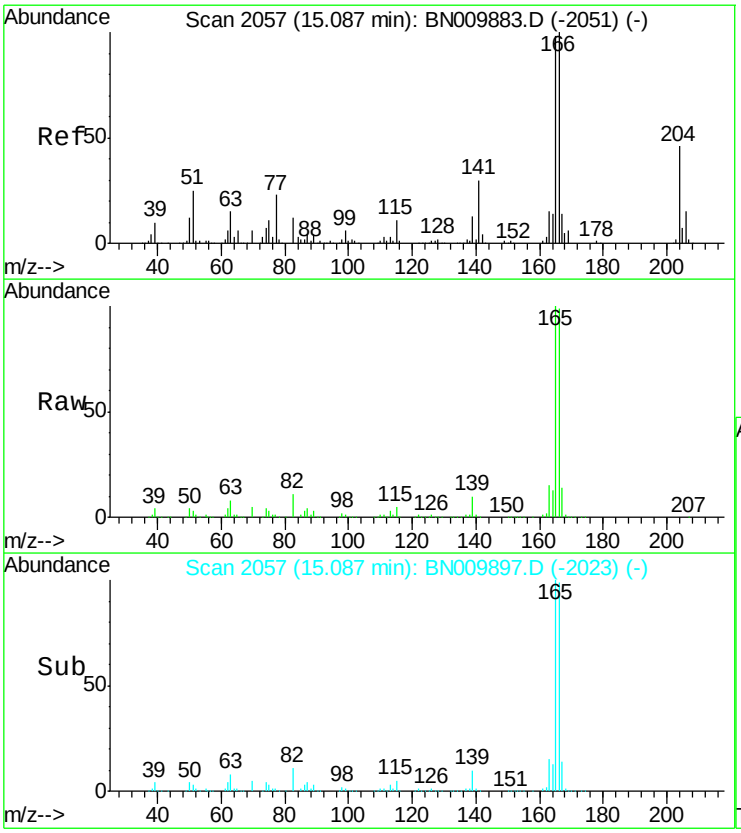
#54
Dibenzofuran
Concen: 52.96 ng/ul
RT: 14.43 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BN009897.D
Acq: 25 Feb 2020 12:41

Instrument :
BNA_N
ClientSampleId :
DBDJ9DL

Tgt Ion:168 Resp: 1490170

Ion	Ratio	Lower	Upper
168	100		
139	39.0	32.7	49.1

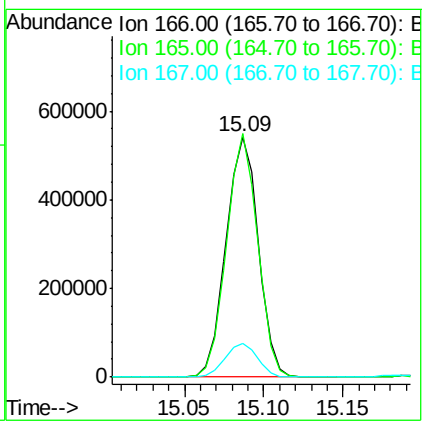


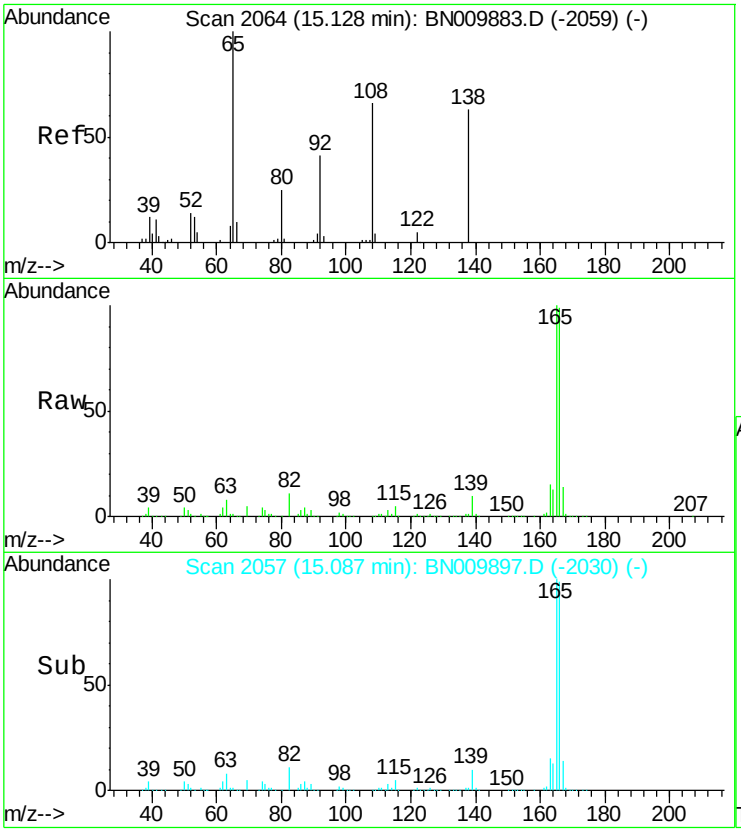


#59
Fluorene
Concen: 32.34 ng/ul
RT: 15.09 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BN009897.D
Acq: 25 Feb 2020 12:41

Tgt Ion:166 Resp: 763520

Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.8	119.8
167	14.2	10.7	16.1



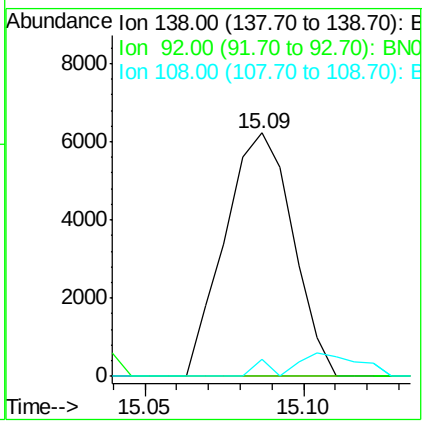


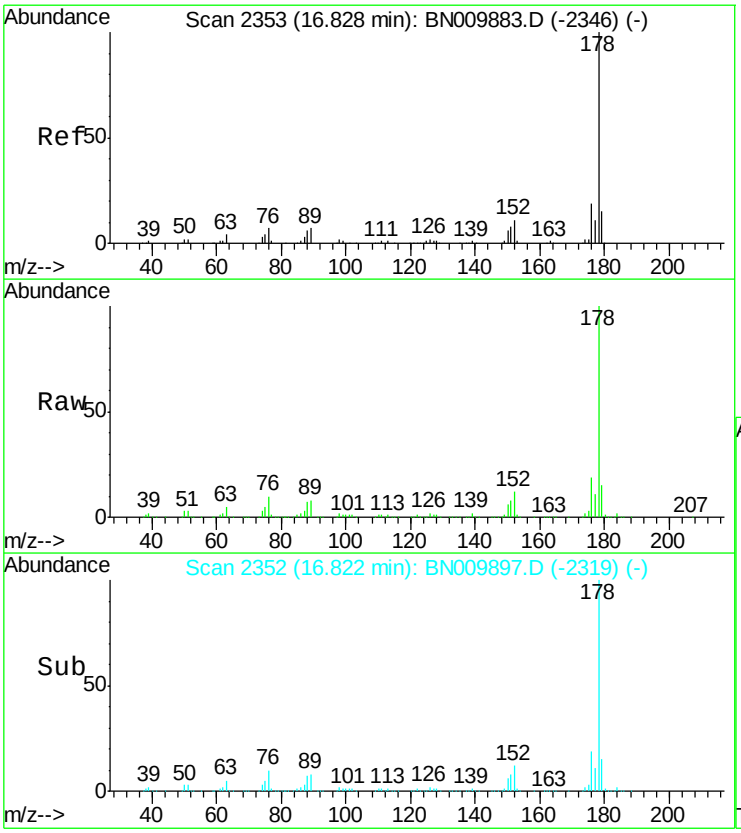
#61
4-Nitroaniline
Concen: 1.75 ng/ul
RT: 15.09 min Scan# 2057
Delta R.T. -0.04 min
Lab File: BN009897.D
Acq: 25 Feb 2020 12:41

Instrument :
BNA_N
ClientSampleId :
DBDJ9DL

Tgt Ion:138 Resp: 9243

Ion	Ratio	Lower	Upper
138	100		
92	0.0	47.8	71.6#
108	7.2	72.3	108.5#

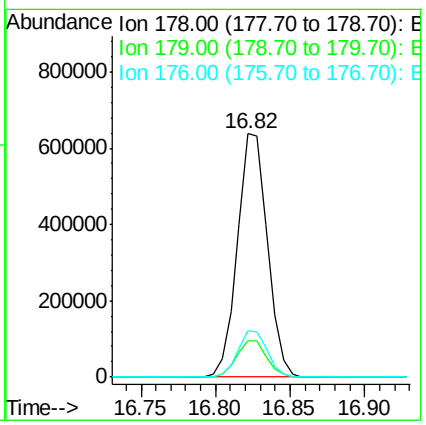


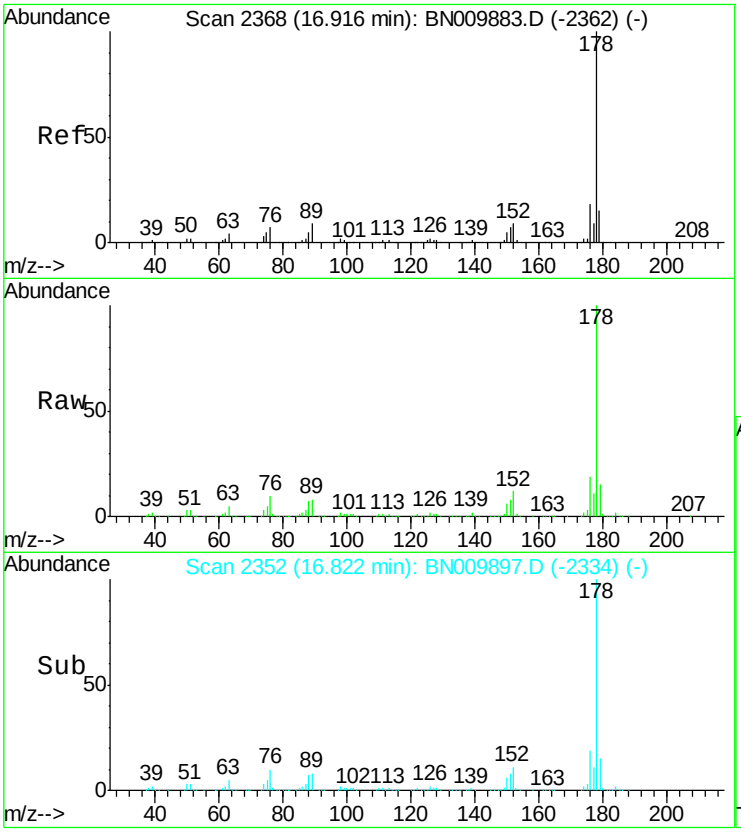


#70
Phenanthrene
Concen: 23.59 ng/ul
RT: 16.82 min Scan# 2352
Delta R.T. -0.01 min
Lab File: BN009897.D
Acq: 25 Feb 2020 12:41

Tgt Ion:178 Resp: 889678

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.5	18.7
176	19.2	14.6	22.0



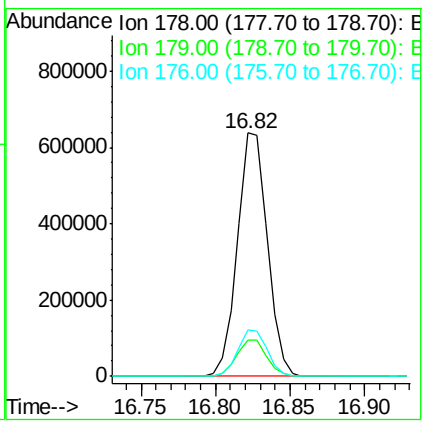


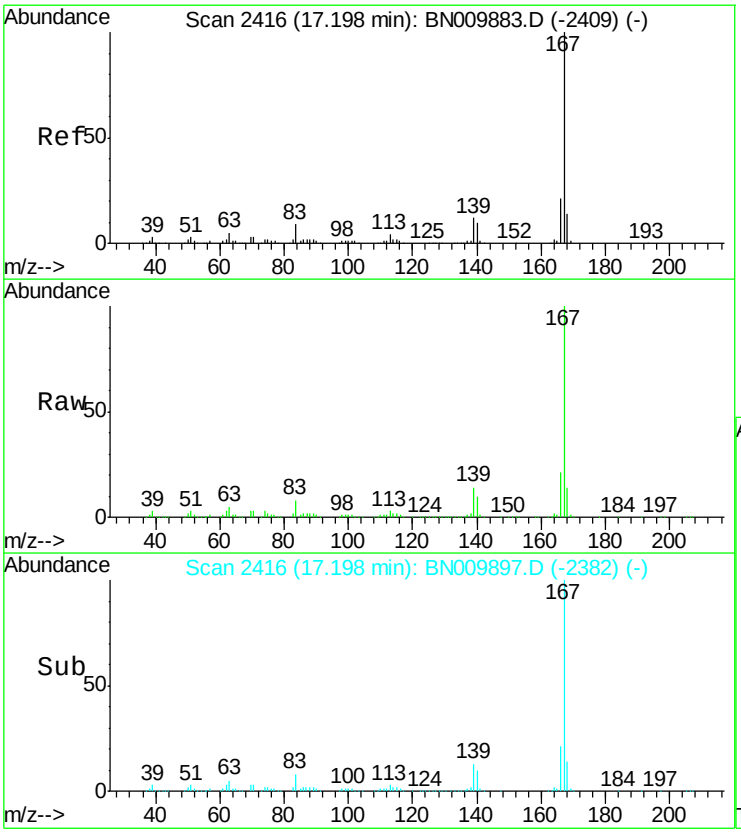
#72
Anthracene
Concen: 23.08 ng/ul
RT: 16.82 min Scan# 2352
Delta R.T. -0.09 min
Lab File: BN009897.D
Acq: 25 Feb 2020 12:41

Instrument :
BNA_N
ClientSampleId :
DBDJ9DL

Tgt Ion:178 Resp: 889678

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	19.2	14.6	21.8





#75
Carbazole
Concen: 51.74 ng/ul
RT: 17.20 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BN009897.D
Acq: 25 Feb 2020 12:41

Tgt Ion:167 Resp: 1756589

Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.6	24.8
139	13.5	9.9	14.9