Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021820\

Quantitation Report (Not Reviewed)

Data File : BN009761.D
Acq On : 19 Feb 2020 02:01
Operator : CG/JU
Sample : L1541-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD66

Quant Time: Feb 19 03:41:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:37:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	126690	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	524693	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	326158	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	740080	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	774235	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	762205	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	17150	5.57	ng/uL	0.00
5) Phenol-d5	6.62	99	78126	7.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	258094	34.71	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	229498	28.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	150639	17.57	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	147924	38.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	158307	37.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	278425	34.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	3883	0.43	ng/ul	-0.03
44) Dimethylphthalate-d6	13.48	166	948278	38.92	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1112033	38.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.31	143	31414	7.06	ng/ul	0.02
58) Fluorene-d10	15.06	176	853312	40.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	157524	34.26	ng/ul	0.00
71) Anthracene-d10	16.91	188	1353332	39.89	ng/ul	0.00
79) Pyrene-d10	19.22	212	1542589	38.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1584713	41.63	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	8.58	117	141569	36.414	ng/ul#	9
41) 1,1'-Biphenyl	12.88	154	2175231	86.833	ng/ul	98
45) Dimethylphthalate	13.53	163	31659	1.245	ng/ul#	93
46) 2,6-Dinitrotoluene	13.48	165	6295	1.265	ng/ul#	33
50) Acenaphthene	14.12	153	1066731	50.106	ng/ul	98
59) Fluorene	15.11	166	27722	1.105	ng/ul#	1
75) Carbazole	17.22	167	494432	13.003	ng/ul	99
77) Fluoranthene	18.88	202	64630	1.306	ng/ul	98

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

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Sample : L1541-14
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Instrument : BNA_N
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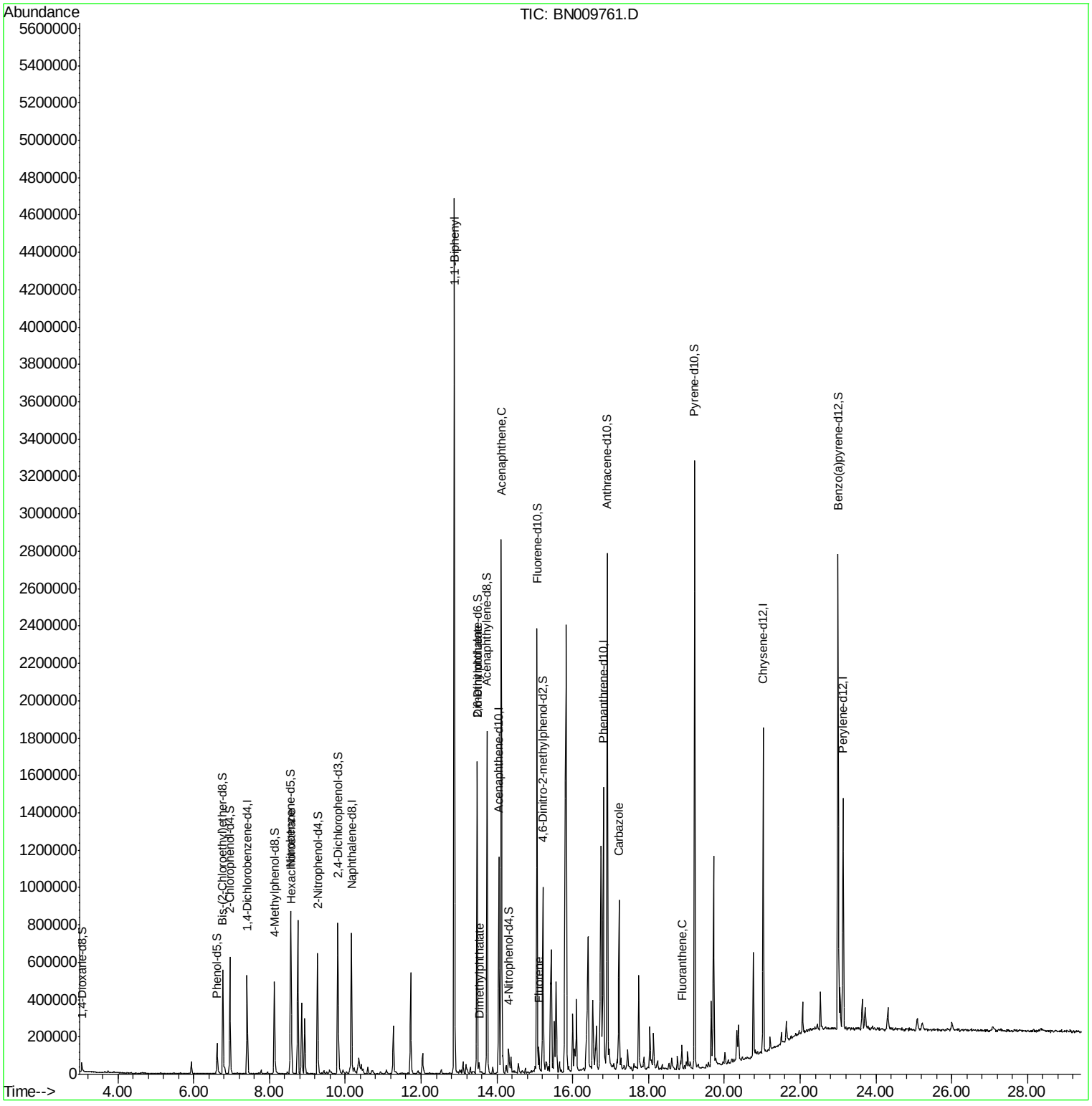
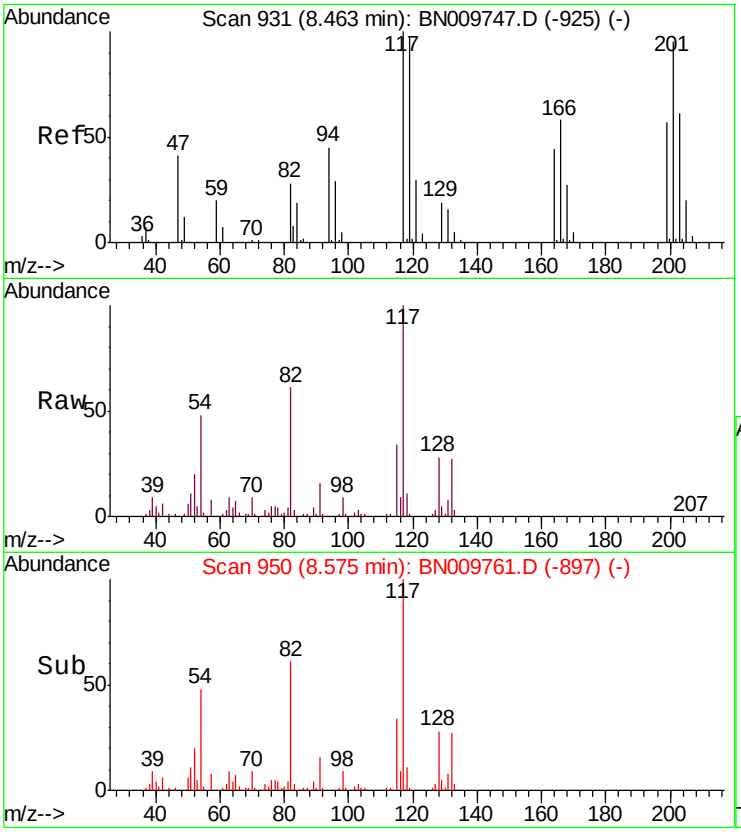
Quant Time: Feb 19 03:41:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:37:25 2020
Response via : Initial Calibration



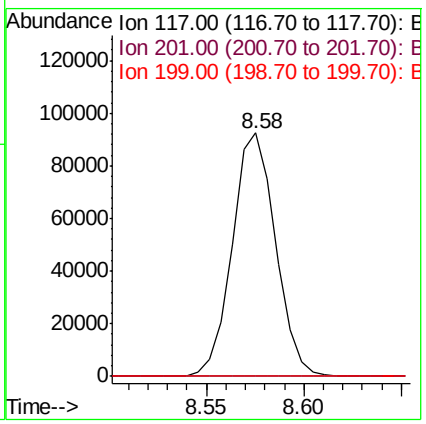


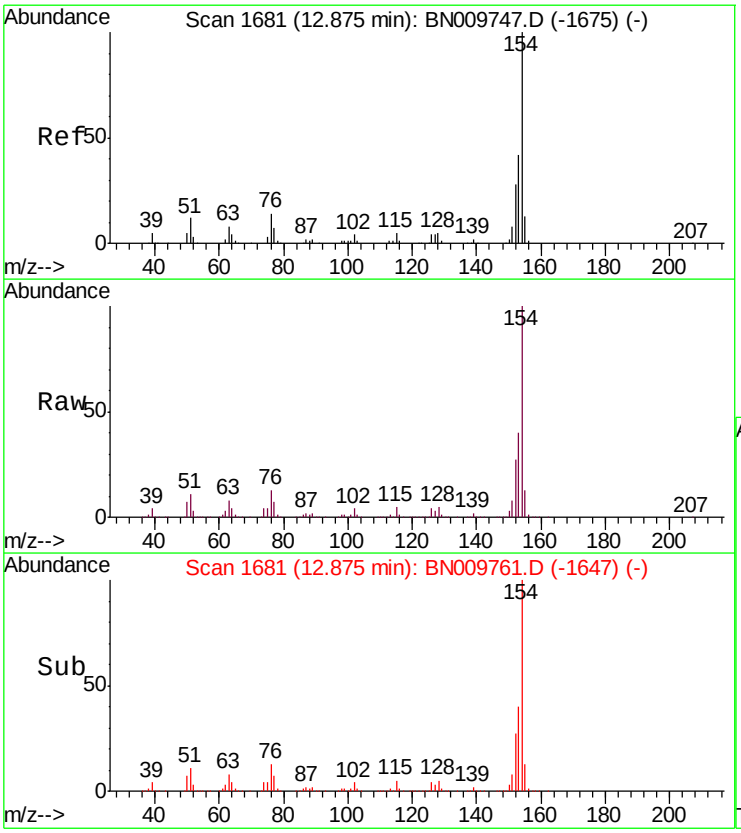
#17
Hexachloroethane
Concen: 36.414 ng/ul
RT: 8.58 min Scan# 950
Delta R.T. 0.11 min
Lab File: BN009761.D
Acq: 19 Feb 2020 02:01

Instrument :
BNA_N
ClientSampleId :
DBD66

Tgt Ion:117 Resp: 141569

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

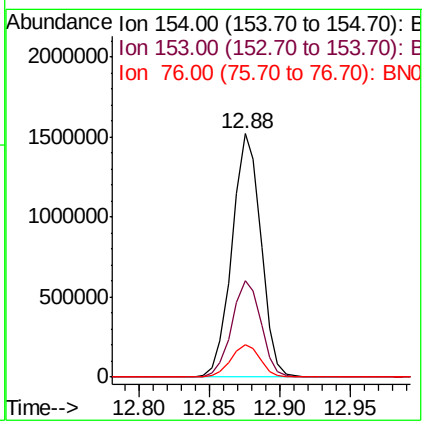


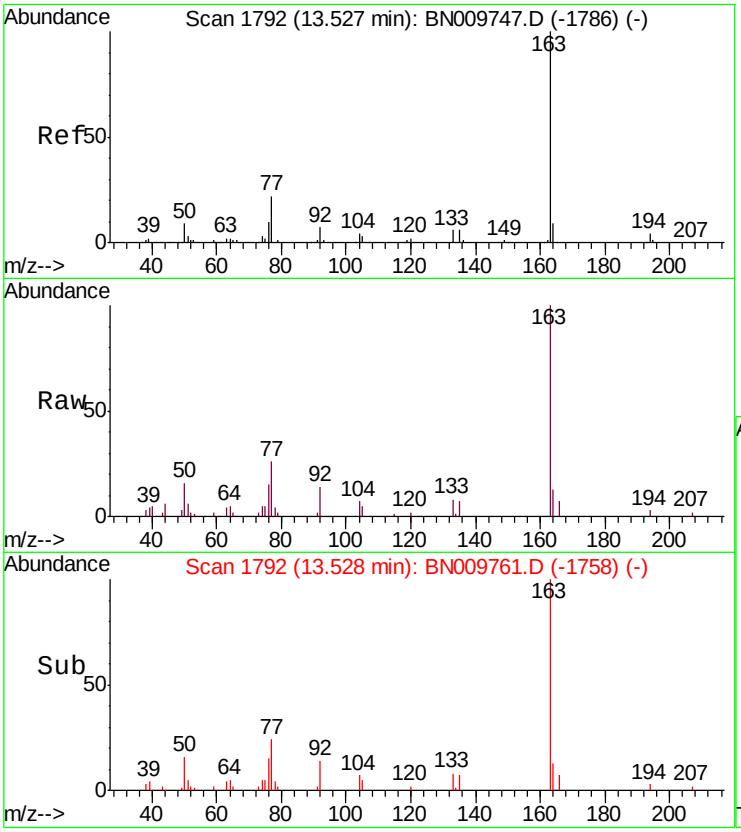


#41
1,1'-Biphenyl
Concen: 86.833 ng/ul
RT: 12.88 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BN009761.D
Acq: 19 Feb 2020 02:01

Tgt Ion:154 Resp: 2175231

Ion	Ratio	Lower	Upper
154	100		
153	39.7	33.2	49.8
76	13.4	11.0	16.4



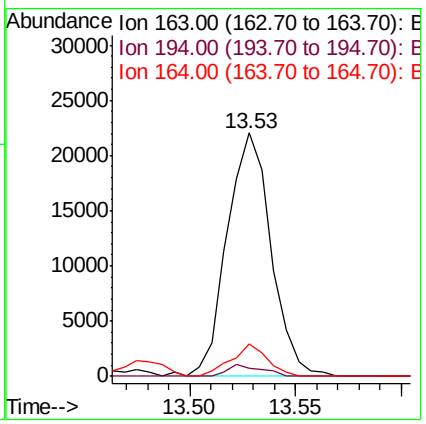


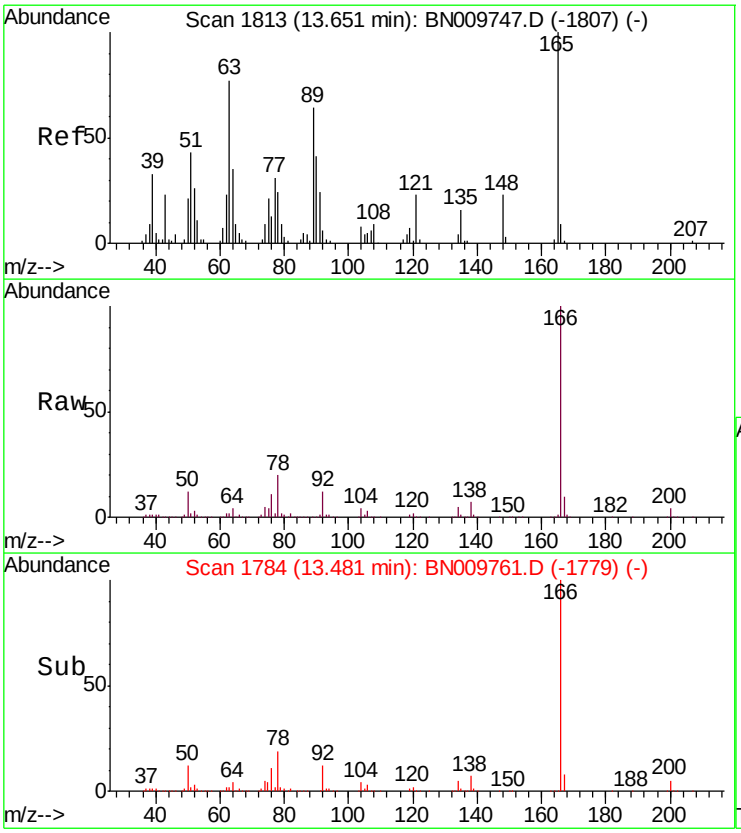
#45
Dimethylphthalate
Concen: 1.245 ng/ul
RT: 13.53 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BN009761.D
Acq: 19 Feb 2020 02:01

Instrument :
BNA_N
ClientSampleId :
DBD66

Tgt Ion:163 Resp: 31659

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.4	5.0#
164	13.2	8.0	12.0#

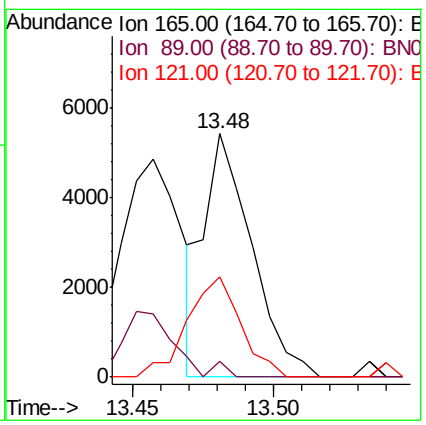


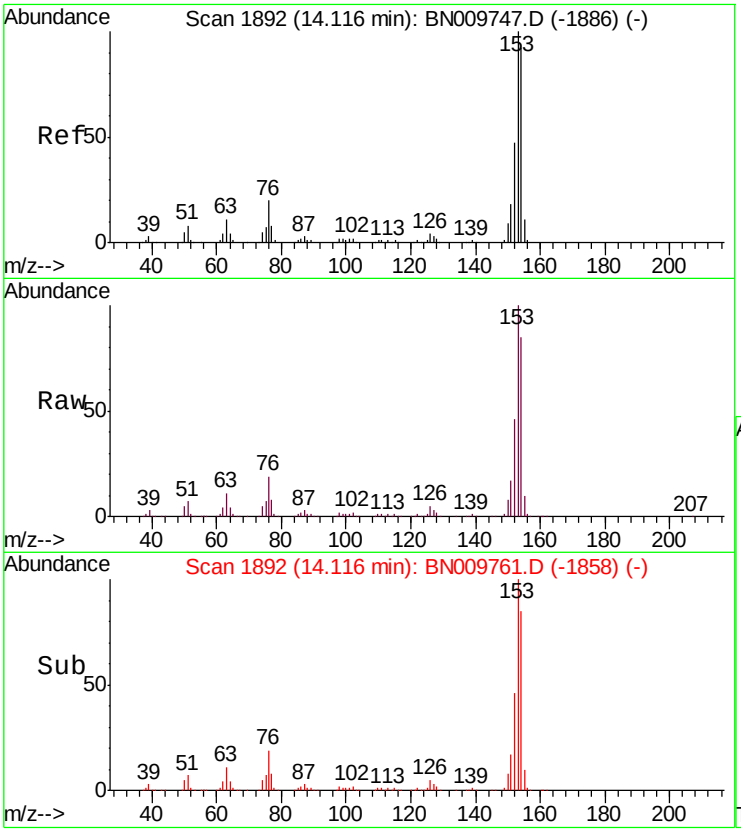


#46
2,6-Dinitrotoluene
Concen: 1.265 ng/ul
RT: 13.48 min Scan# 1784
Delta R.T. -0.17 min
Lab File: BN009761.D
Acq: 19 Feb 2020 02:01

Tgt Ion:165 Resp: 6295

Ion	Ratio	Lower	Upper
165	100		
89	6.3	54.1	81.1#
121	41.4	18.1	27.1#



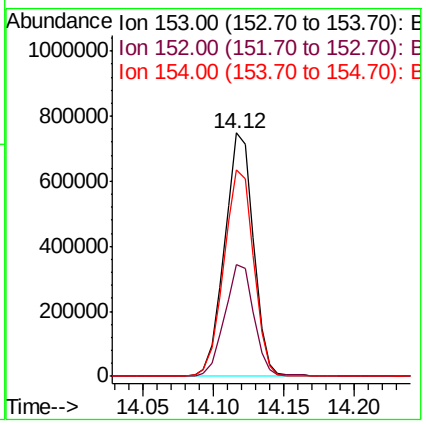


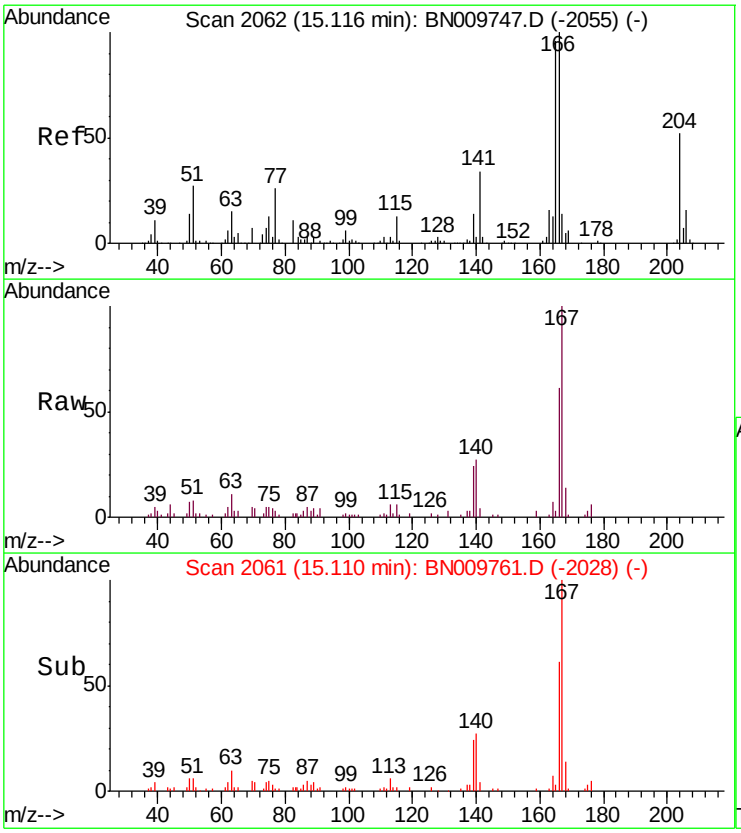
#50
Acenaphthene
Concen: 50.106 ng/ul
RT: 14.12 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BN009761.D
Acq: 19 Feb 2020 02:01

Instrument :
BNA_N
ClientSampleId :
DBD66

Tgt Ion:153 Resp: 1066731

Ion	Ratio	Lower	Upper
153	100		
152	45.8	36.6	54.8
154	84.9	70.6	106.0

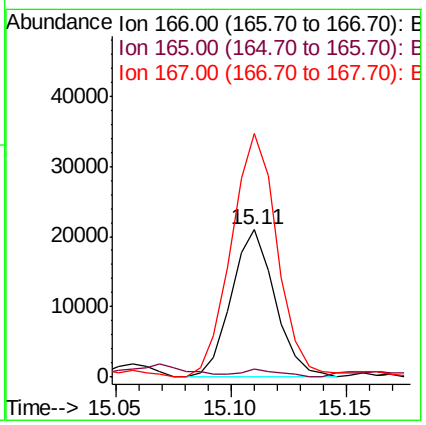


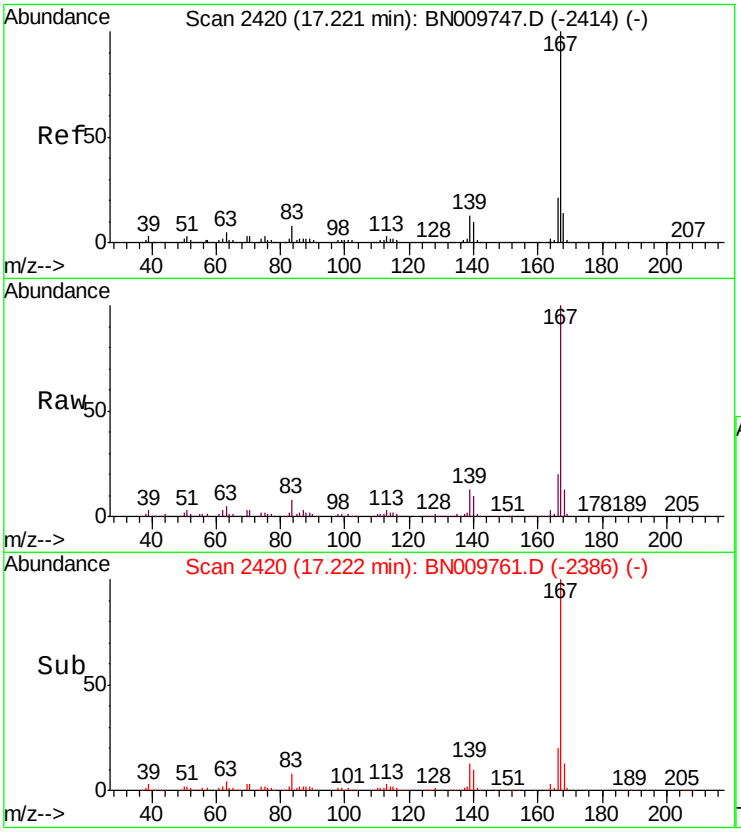


#59
Fluorene
Concen: 1.105 ng/ul
RT: 15.11 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BN009761.D
Acq: 19 Feb 2020 02:01

Tgt Ion:166 Resp: 27722

Ion	Ratio	Lower	Upper
166	100		
165	5.7	79.8	119.8#
167	165.0	10.7	16.1#



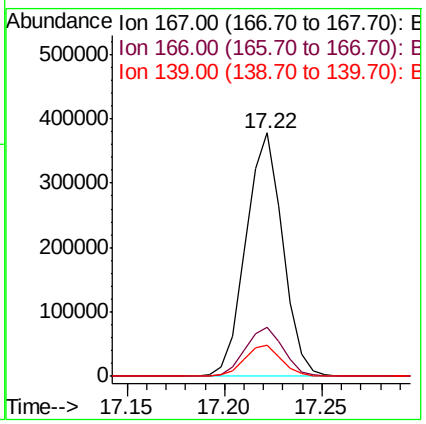


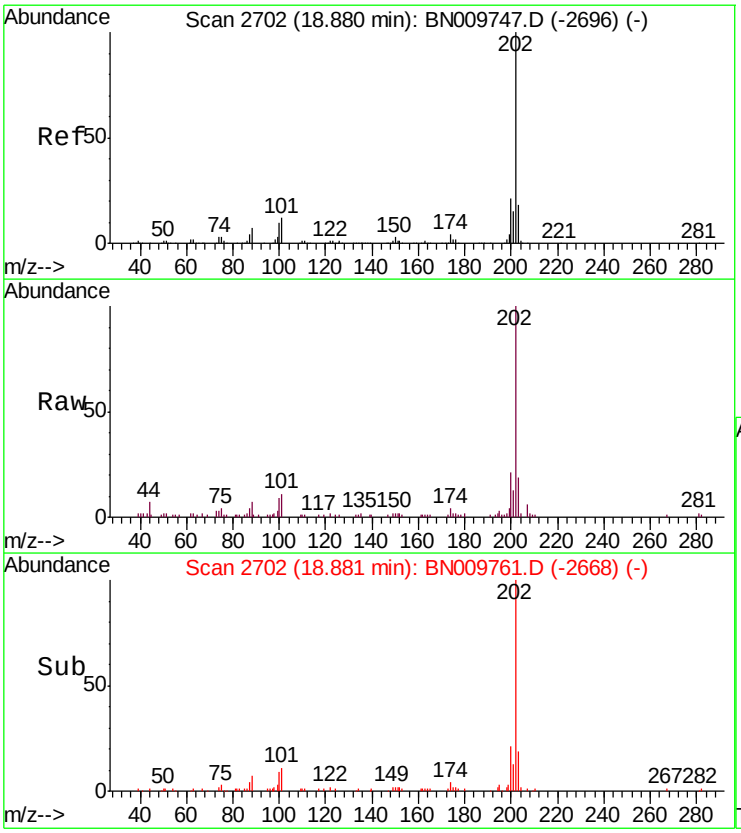
#75
Carbazole
Concen: 13.003 ng/ul
RT: 17.22 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BN009761.D
Acq: 19 Feb 2020 02:01

Instrument :
BNA_N
ClientSampleId :
DBD66

Tgt Ion:167 Resp: 494432

Ion	Ratio	Lower	Upper
167	100		
166	20.3	16.6	24.8
139	12.9	9.9	14.9





#77
Fluoranthene
Concen: 1.306 ng/ul
RT: 18.88 min Scan# 2702
Delta R.T. 0.00 min
Lab File: BN009761.D
Acq: 19 Feb 2020 02:01

Tgt Ion:202 Resp: 64630

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.4	14.2
100	8.8	7.2	10.8