Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009895.D
Acq On : 25 Feb 2020 11:29
Operator : CG/JU
Sample : L1582-04DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDJ6DL

Quant Time: Feb 25 14:00:56 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	112726	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	479285	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	297008	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	633421	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	643157	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	656370	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	722	0.26	ng/uL	0.01
5) Phenol-d5	6.60	99	11129	1.16	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	42202	6.38	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	35999	4.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	22422	2.94	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	21569	6.15	ng/ul	0.01
22) 2-Nitrophenol-d4	9.25	143	23539	6.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	40967	5.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	4479	0.54	ng/ul	0.01
44) Dimethylphthalate-d6	13.45	166	152402	6.87	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	175413	6.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	1419	0.35	ng/ul	0.04
58) Fluorene-d10	15.03	176	134359	7.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	14538	3.69	ng/ul	0.01
71) Anthracene-d10	16.88	188	203594	7.01	ng/ul	0.00
79) Pyrene-d10	19.19	212	234481	6.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	225219	6.87	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	8.48	117	5734	1.66	ng/ul#	9
28) Naphthalene	10.20	128	18715753	724.14	ng/ul	95
30) 4-Chloroaniline	10.20	127	2723505	321.00	ng/ul#	9
34) 2-Methylnaphthalene	11.80	142	1748014	97.40	ng/ul	97
35) 1-Methylnaphthalene	12.03	142	996361	55.39	ng/uL	99
41) 1,1'-Biphenyl	12.85	154	359400	15.75	ng/ul	99
50) Acenaphthene	14.09	153	1516132	78.21	ng/ul	100
53) 4-Nitrophenol	14.43	109	4780	1.31	ng/ul#	1
54) Dibenzofuran	14.43	168	1207103	44.36	ng/ul	97
59) Fluorene	15.09	166	846356	37.06	ng/ul	99
61) 4-Nitroaniline	15.09	138	10376	2.03	ng/ul#	14
70) Phenanthrene	16.83	178	1438388	39.79	ng/ul	98
72) Anthracene	16.92	178	37161	1.01	ng/ul	97
75) Carbazole	17.20	167	593447	18.24	ng/ul	97
77) Fluoranthene	18.86	202	88907	2.10	ng/ul	97
80) Pyrene	19.22	202	48545	1.05	ng/ul#	94

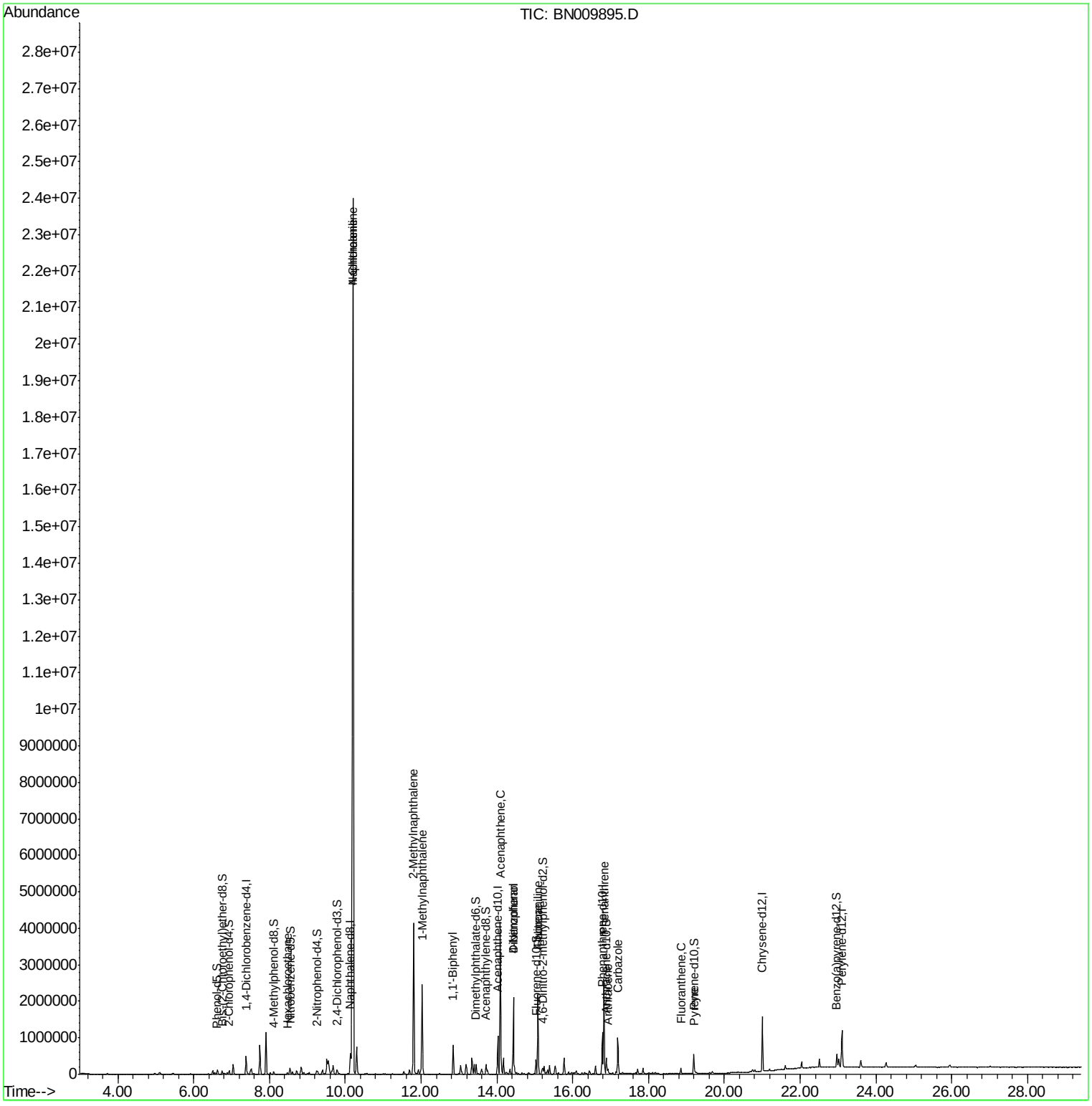
(#) = qualifier out of range (m) = manual integration (+) = signals summed

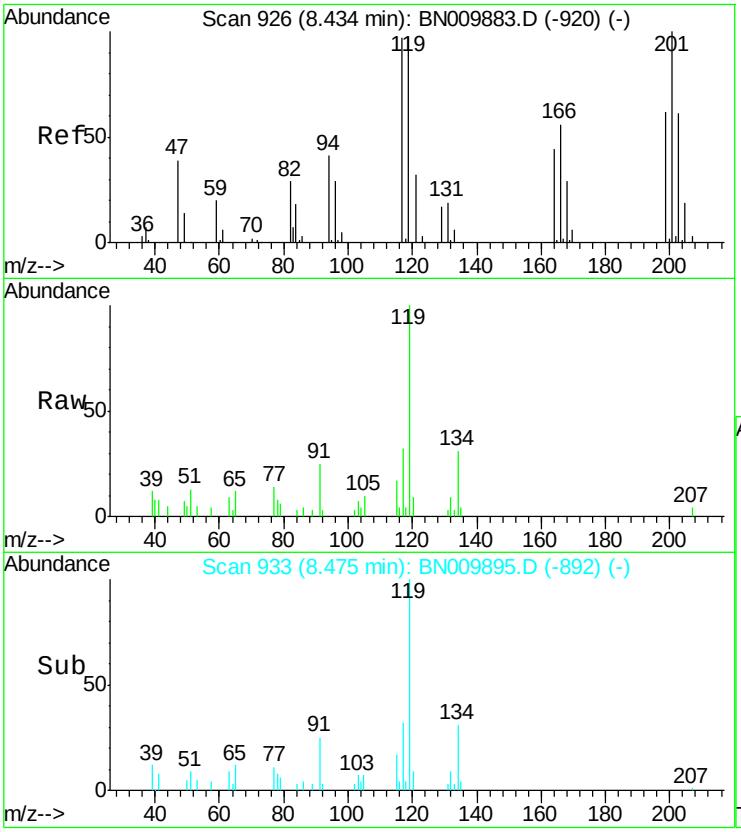
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009895.D
Acq On : 25 Feb 2020 11:29
Operator : CG/JU
Sample : L1582-04DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDJ6DL

Quant Time: Feb 25 14:00:56 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



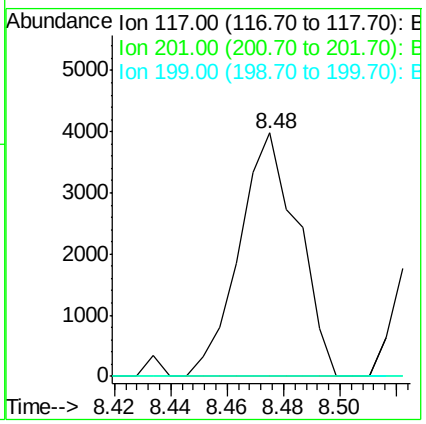


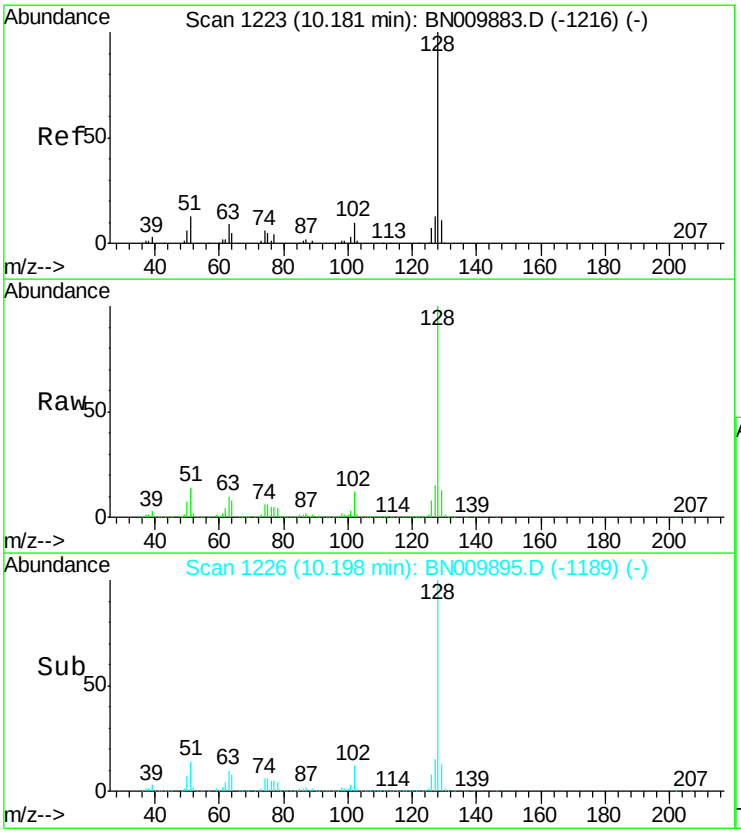
#17
Hexachloroethane
Concen: 1.66 ng/ul
RT: 8.48 min Scan# 933
Delta R.T. 0.04 min
Lab File: BN009895.D
Acq: 25 Feb 2020 11:29

Instrument :
BNA_N
ClientSampleId :
DBDJ6DL

Tgt Ion:117 Resp: 5734

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

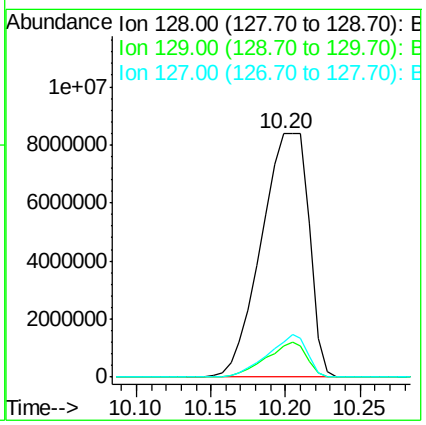


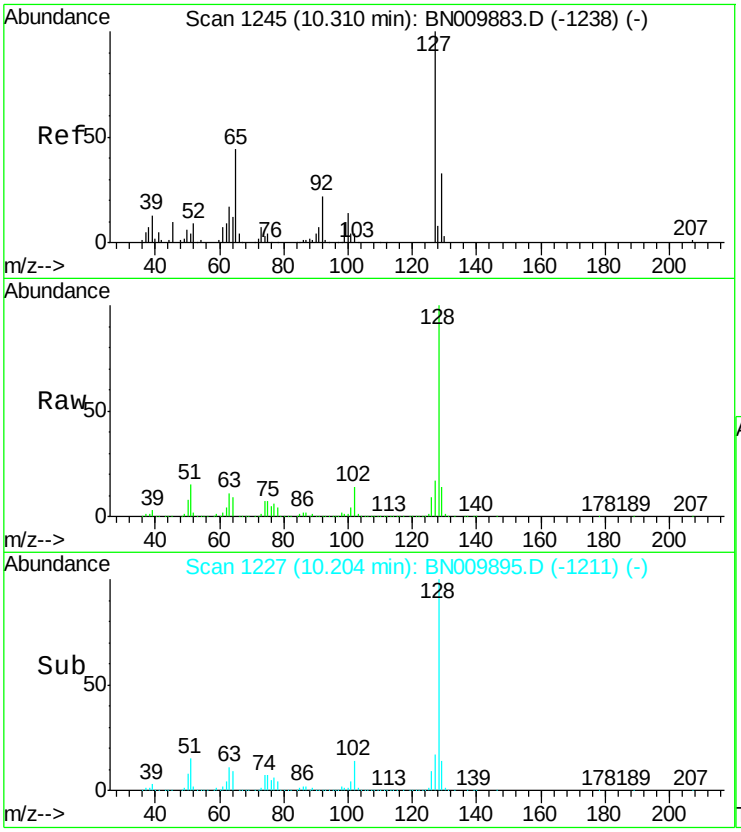


#28
Naphthalene
Concen: 724.14 ng/ul
RT: 10.20 min Scan# 1226
Delta R.T. 0.02 min
Lab File: BN009895.D
Acq: 25 Feb 2020 11:29

Tgt Ion:128 Resp:18715753

Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.6	13.0
127	14.5	10.3	15.5



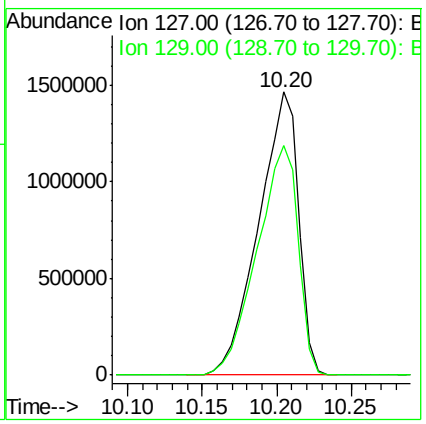


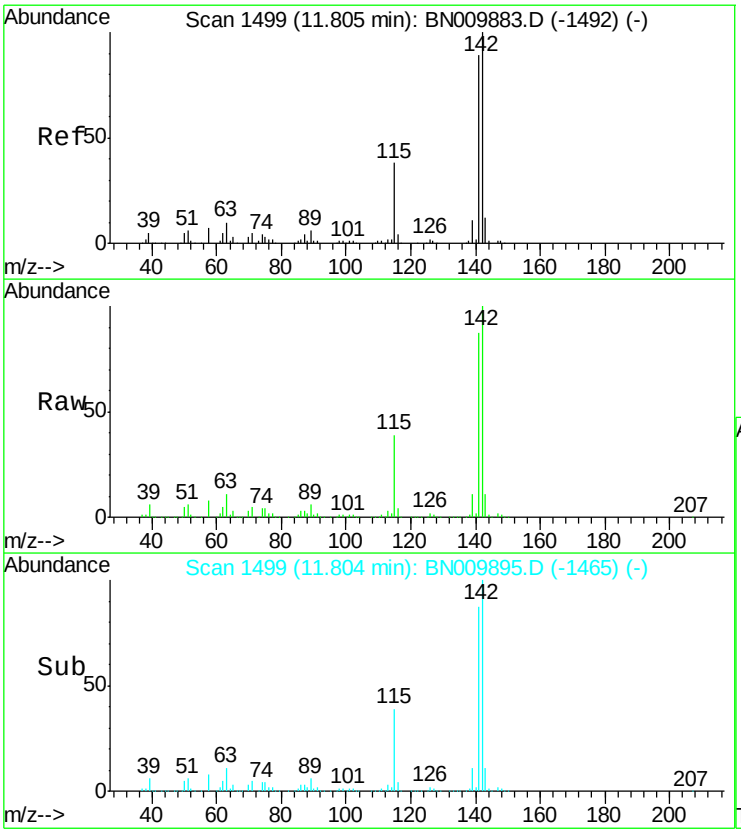
#30
4-Chloroaniline
Concen: 321.00 ng/ul
RT: 10.20 min Scan# 1227
Delta R.T. -0.11 min
Lab File: BN009895.D
Acq: 25 Feb 2020 11:29

Instrument :
BNA_N
ClientSampleId :
DBDJ6DL

Tgt Ion:127 Resp: 2723505

Ion	Ratio	Lower	Upper
127	100		
129	80.9	24.8	37.2#

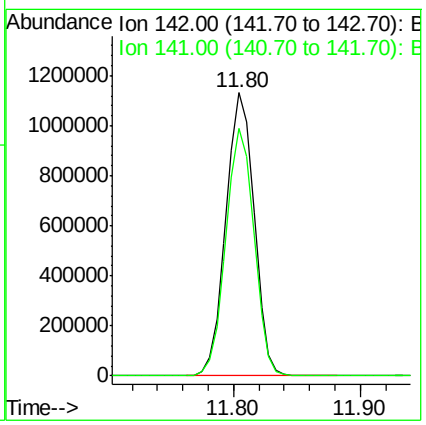


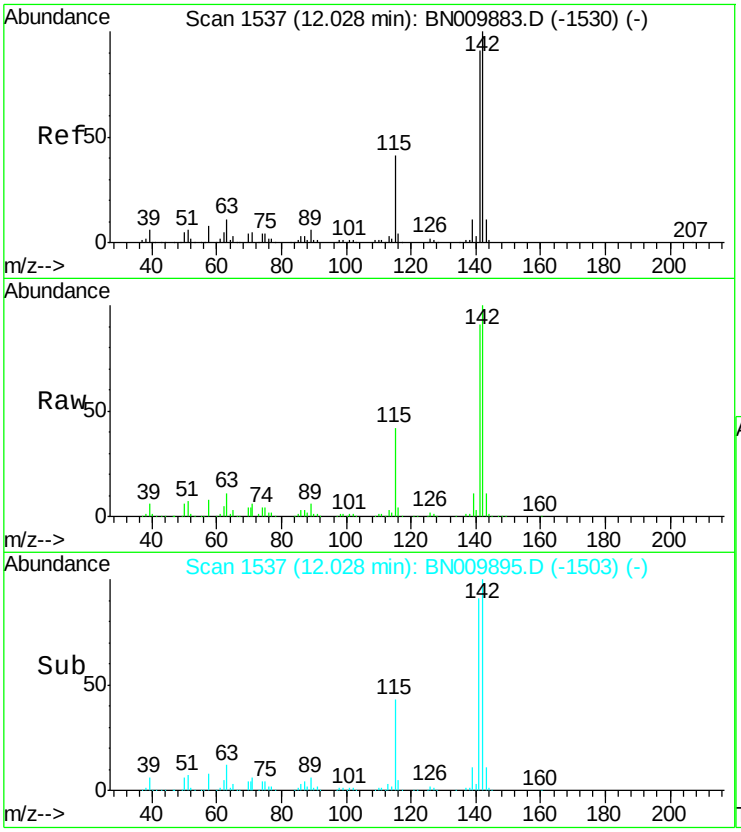


#34
2-Methylnaphthalene
Concen: 97.40 ng/ul
RT: 11.80 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BN009895.D
Acq: 25 Feb 2020 11:29

Tgt Ion:142 Resp: 1748014

Ion	Ratio	Lower	Upper
142	100		
141	87.4	72.1	108.1



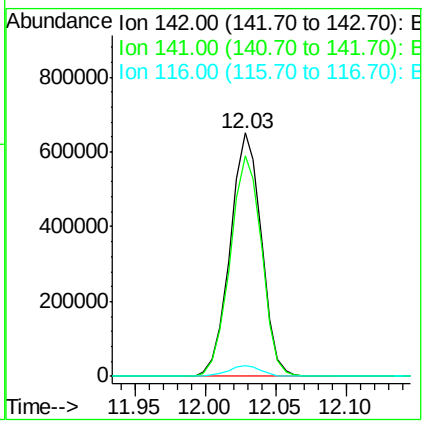


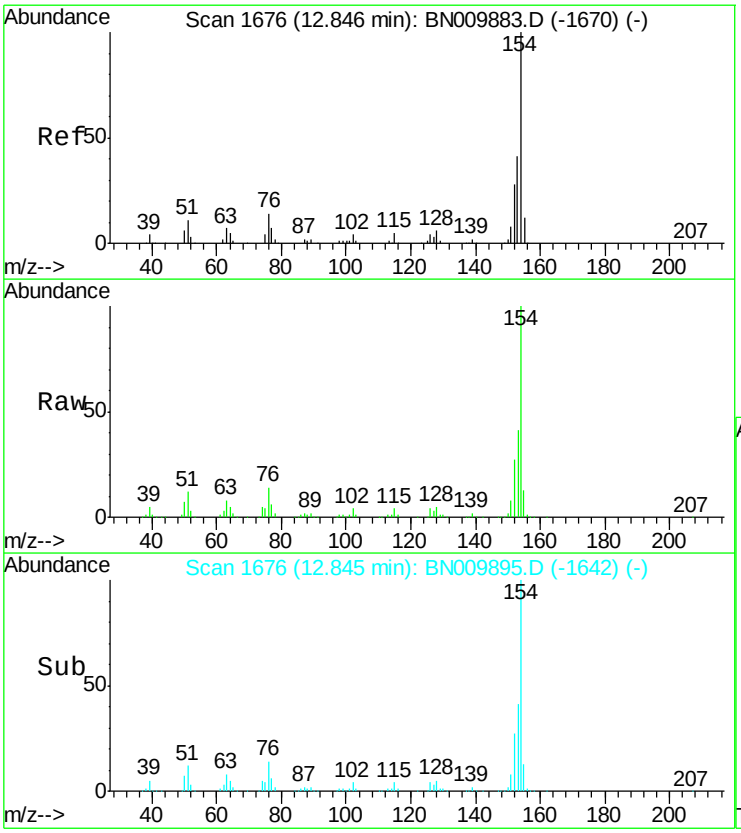
#35
1-Methylnaphthalene
Concen: 55.39 ng/uL
RT: 12.03 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BN009895.D
Acq: 25 Feb 2020 11:29

Instrument :
BNA_N
ClientSampleId :
DBDJ6DL

Tgt Ion:142 Resp: 996361

Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.8	109.2
116	4.5	3.2	4.8

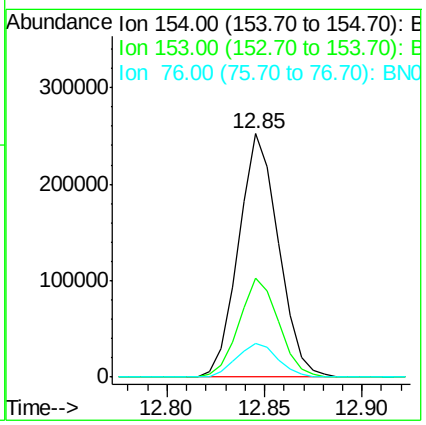


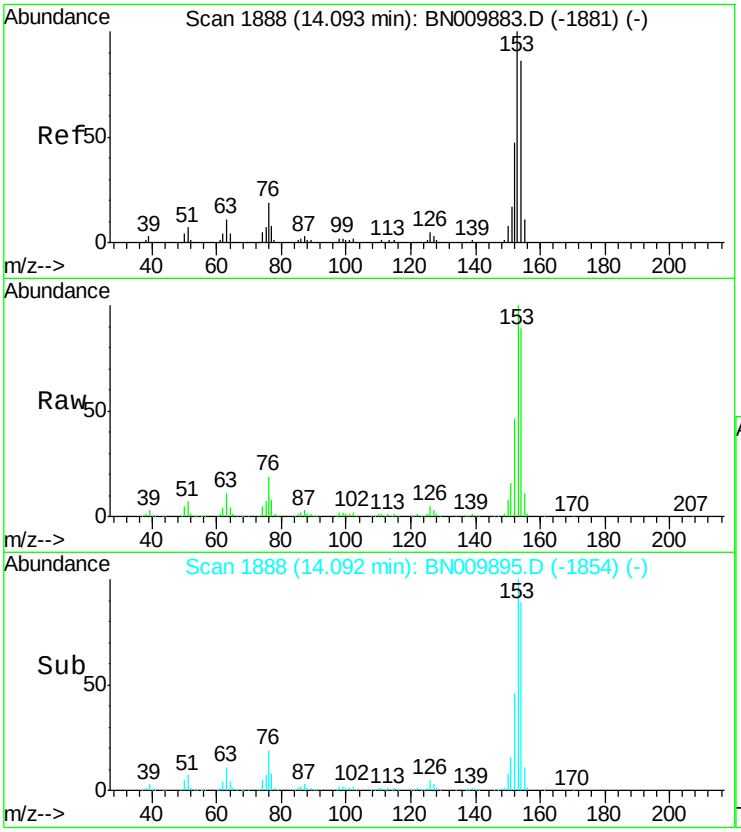


#41
1,1'-Biphenyl
Concen: 15.75 ng/ul
RT: 12.85 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BN009895.D
Acq: 25 Feb 2020 11:29

Tgt Ion:154 Resp: 359400

Ion	Ratio	Lower	Upper
154	100		
153	40.5	33.2	49.8
76	13.9	11.0	16.4



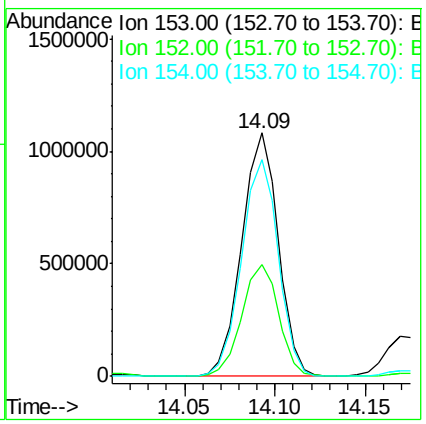


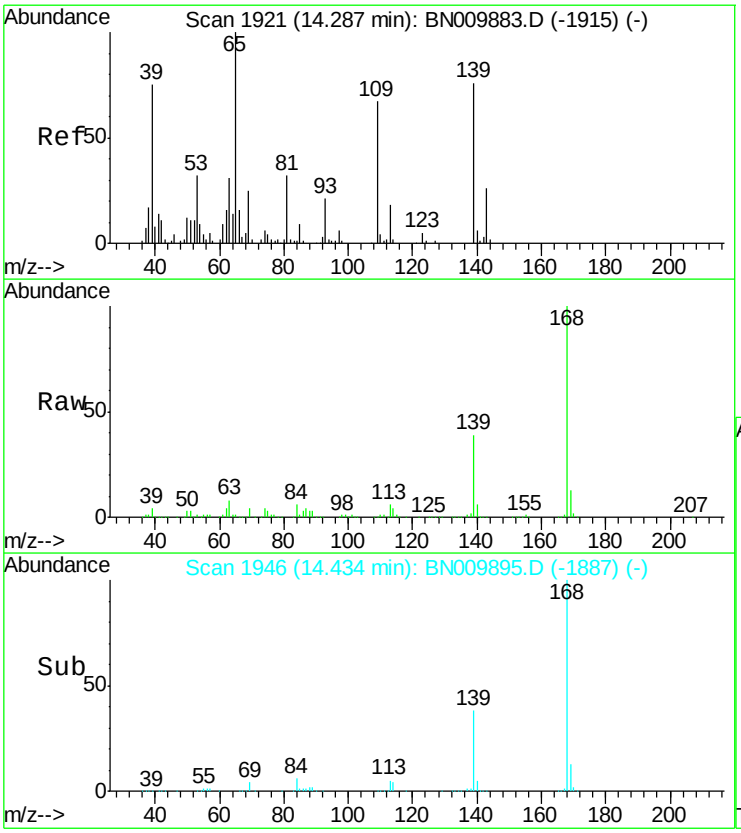
#50
Acenaphthene
Concen: 78.21 ng/ul
RT: 14.09 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BN009895.D
Acq: 25 Feb 2020 11:29

Instrument :
BNA_N
ClientSampleId :
DBDJ6DL

Tgt Ion:153 Resp: 1516132

Ion	Ratio	Lower	Upper
153	100		
152	45.8	36.6	54.8
154	88.9	70.6	106.0

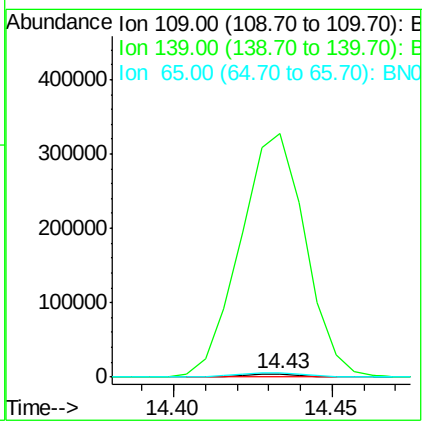


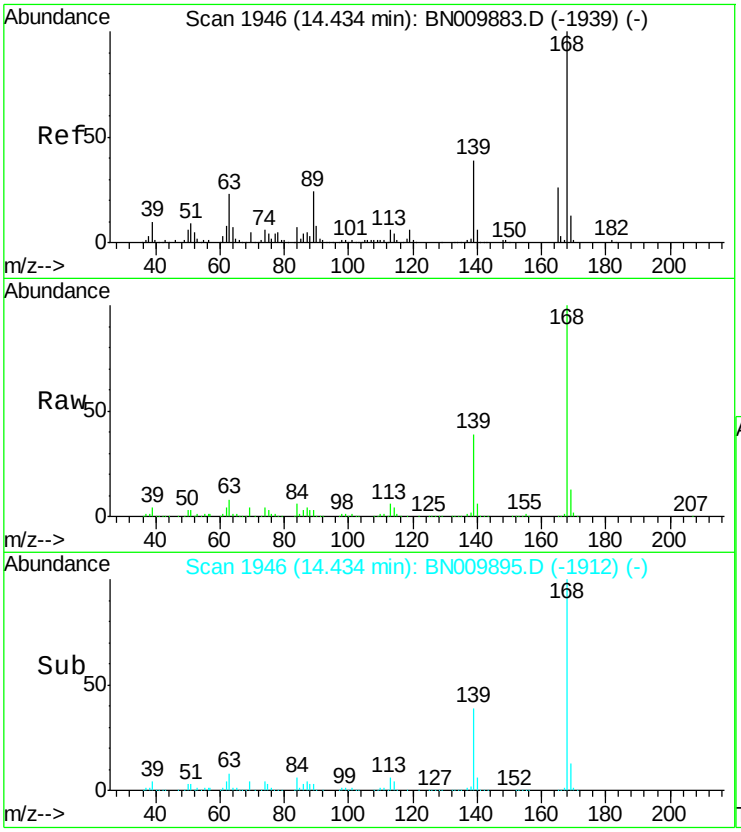


#53
4-Nitrophenol
Concen: 1.31 ng/ul
RT: 14.43 min Scan# 1946
Delta R.T. 0.15 min
Lab File: BN009895.D
Acq: 25 Feb 2020 11:29

Tgt Ion:109 Resp: 4780

Ion	Ratio	Lower	Upper
109	100		
139	8077.0	96.3	144.5#
65	129.8	129.9	194.9#



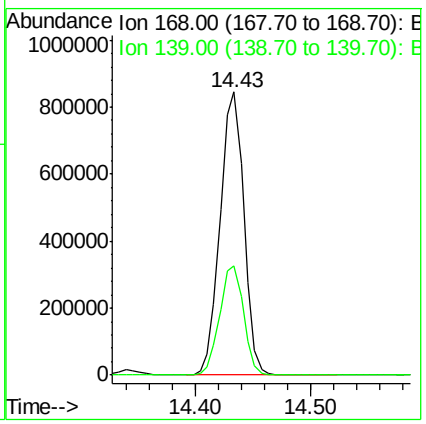


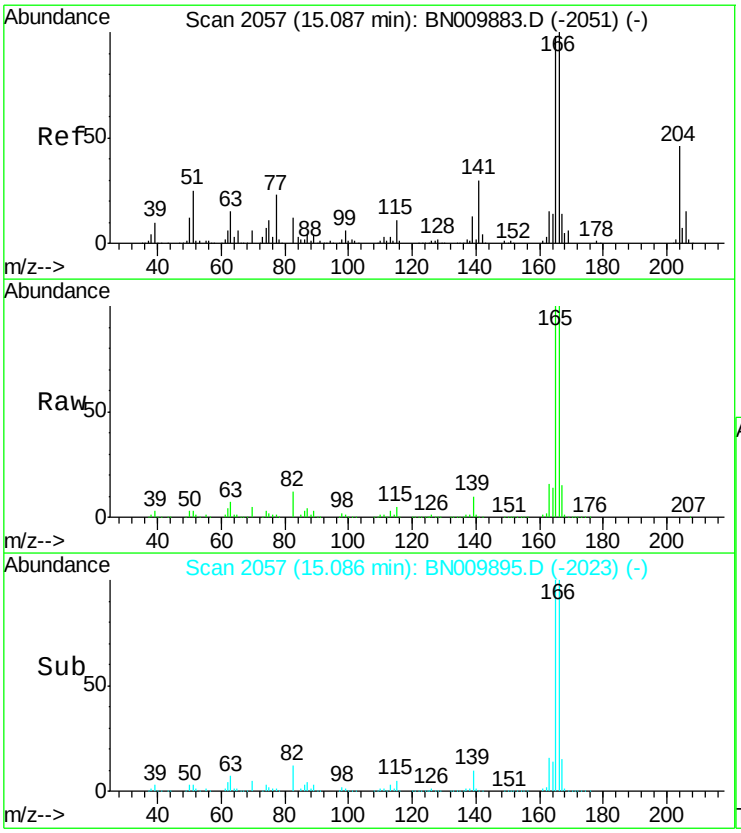
#54
Dibenzofuran
Concen: 44.36 ng/ul
RT: 14.43 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BN009895.D
Acq: 25 Feb 2020 11:29

Instrument :
BNA_N
ClientSampleId :
DBDJ6DL

Tgt Ion:168 Resp: 1207103

Ion	Ratio	Lower	Upper
168	100		
139	38.7	32.7	49.1

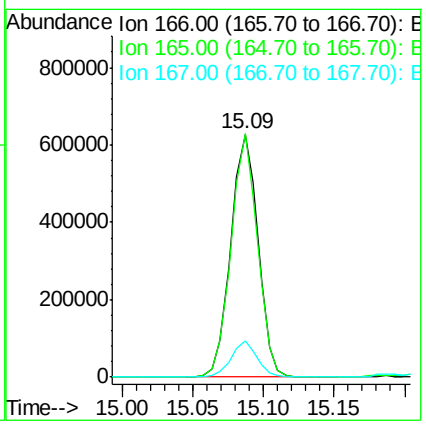


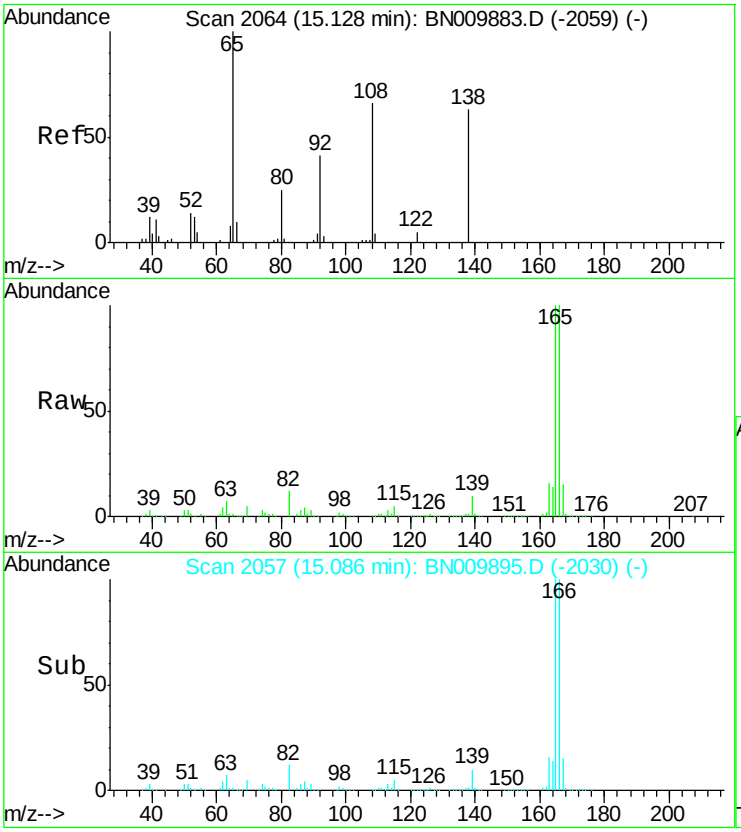


#59
Fluorene
Concen: 37.06 ng/ul
RT: 15.09 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BN009895.D
Acq: 25 Feb 2020 11:29

Tgt Ion:166 Resp: 846356

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	14.8	10.7	16.1



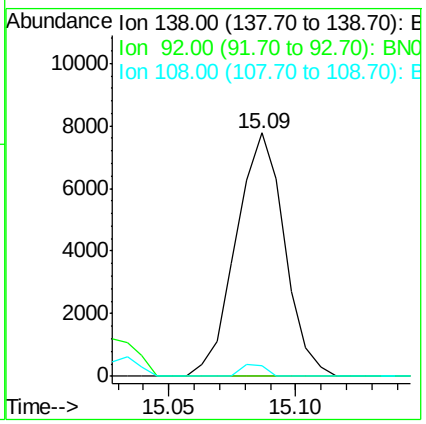


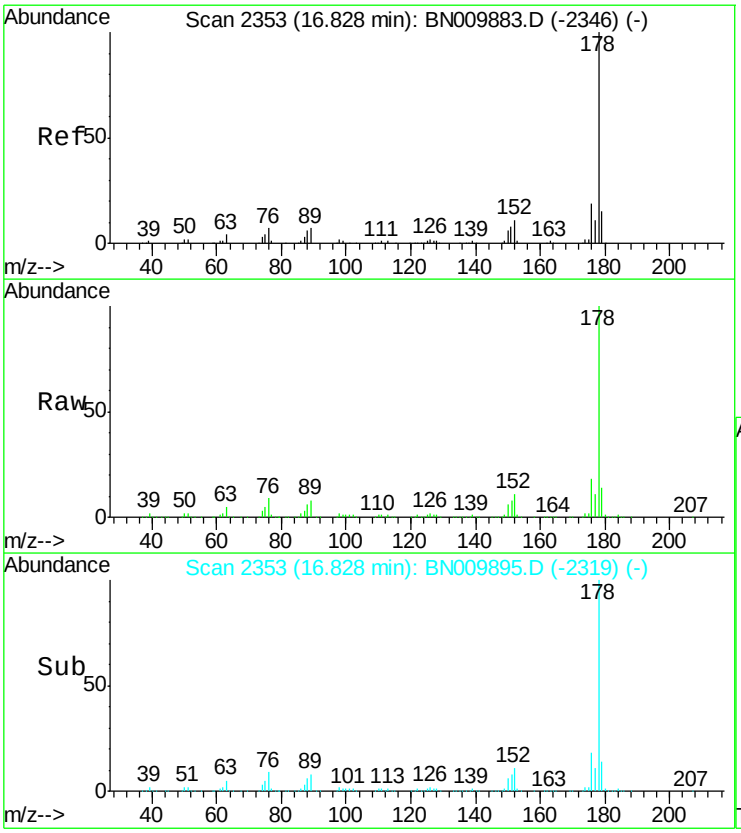
#61
4-Nitroaniline
Concen: 2.03 ng/ul
RT: 15.09 min Scan# 2057
Delta R.T. -0.04 min
Lab File: BN009895.D
Acq: 25 Feb 2020 11:29

Instrument :
BNA_N
ClientSampleId :
DBDJ6DL

Tgt Ion:138 Resp: 10376

Ion	Ratio	Lower	Upper
138	100		
92	0.0	47.8	71.6#
108	4.4	72.3	108.5#

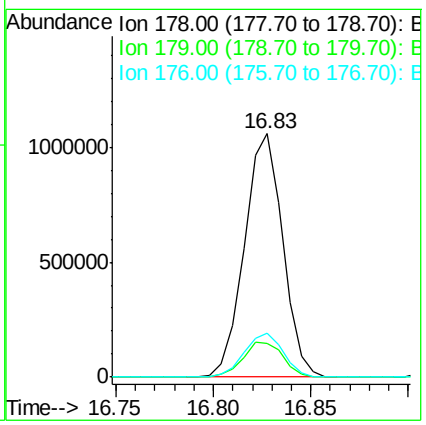


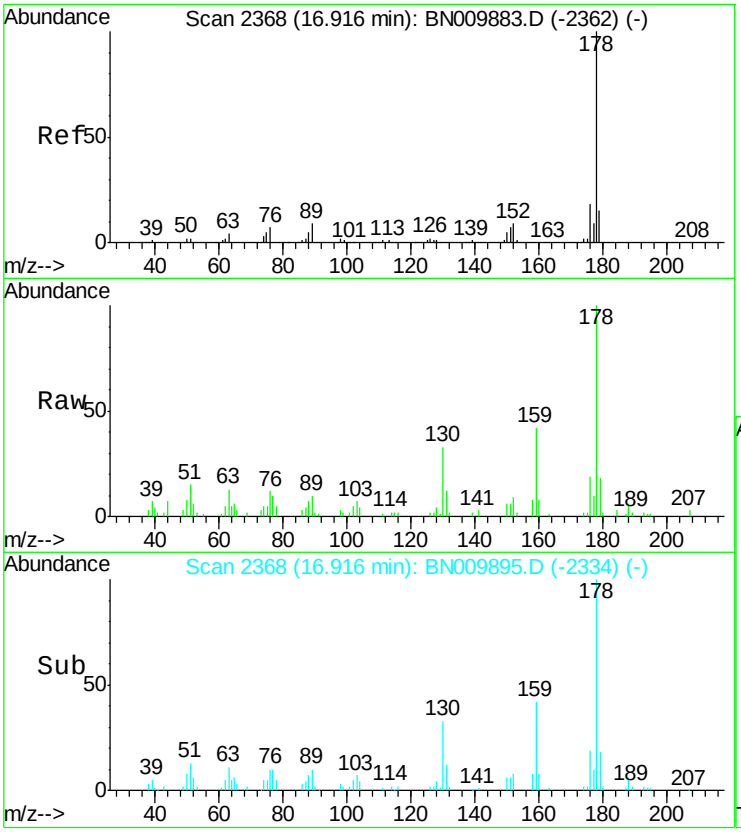


#70
Phenanthrene
Concen: 39.79 ng/ul
RT: 16.83 min Scan# 2353
Delta R.T. -0.00 min
Lab File: BN009895.D
Acq: 25 Feb 2020 11:29

Tgt Ion:178 Resp: 1438388

Ion	Ratio	Lower	Upper
178	100		
179	13.9	12.5	18.7
176	18.0	14.6	22.0



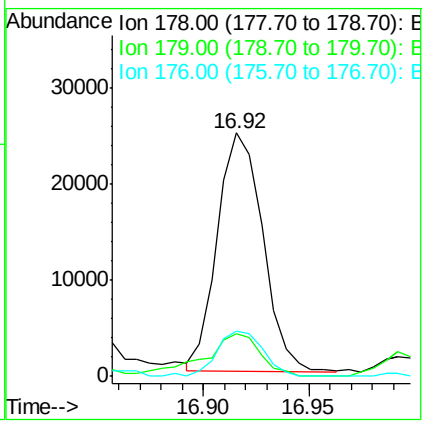


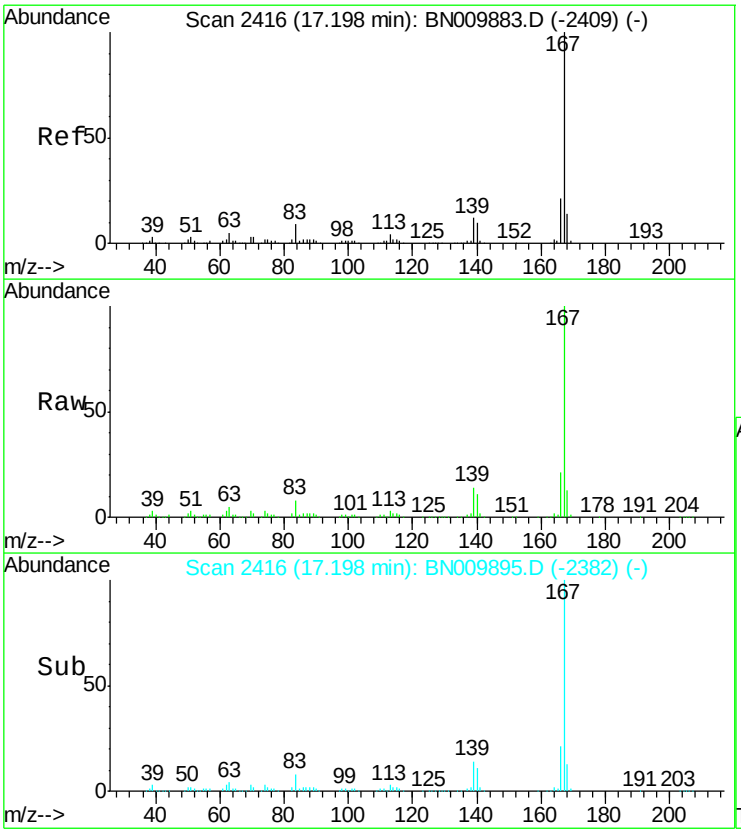
#72
Anthracene
Concen: 1.01 ng/ul
RT: 16.92 min Scan# 2368
Delta R.T. -0.00 min
Lab File: BN009895.D
Acq: 25 Feb 2020 11:29

Instrument :
BNA_N
ClientSampleId :
DBDJ6DL

Tgt Ion:178 Resp: 37161

Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.2	18.2
176	18.6	14.6	21.8

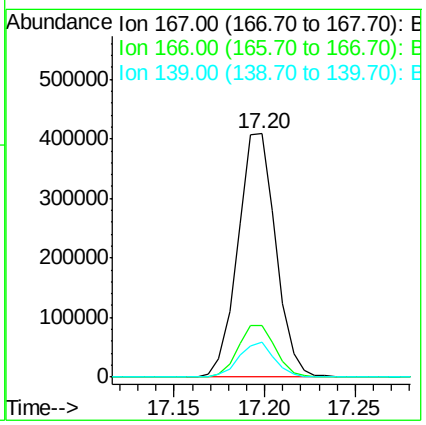


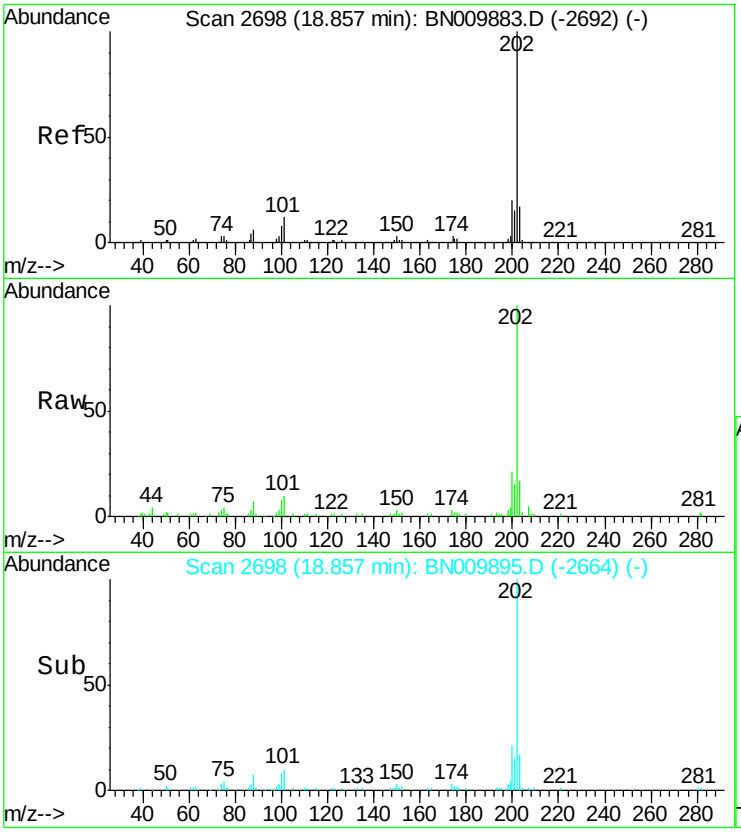


#75
Carbazole
Concen: 18.24 ng/ul
RT: 17.20 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BN009895.D
Acq: 25 Feb 2020 11:29

Tgt Ion:167 Resp: 593447

Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.6	24.8
139	14.2	9.9	14.9



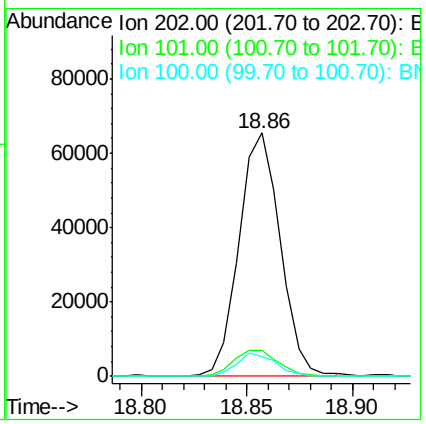


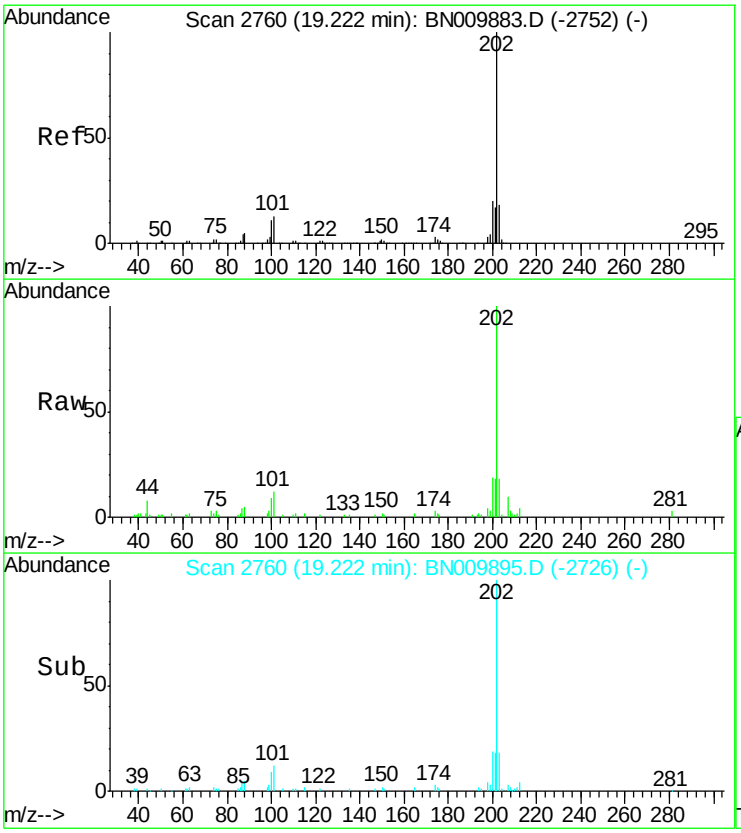
#77
Fluoranthene
Concen: 2.10 ng/ul
RT: 18.86 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BN009895.D
Acq: 25 Feb 2020 11:29

Instrument :
BNA_N
ClientSampleId :
DBDJ6DL

Tgt Ion:202 Resp: 88907

Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.4	14.2
100	8.3	7.2	10.8





#80
Pyrene
Concen: 1.05 ng/ul
RT: 19.22 min Scan# 2760
Delta R.T. -0.00 min
Lab File: BN009895.D
Acq: 25 Feb 2020 11:29

Tgt Ion:202 Resp: 48545

Ion	Ratio	Lower	Upper
202	100		
101	11.8	11.3	16.9
100	8.7	9.0	13.6#