Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009906.D
Acq On : 25 Feb 2020 18:06
Operator : CG/JU
Sample : L1568-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA5

Quant Time: Feb 26 07:36:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:04:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	79295	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	327536	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	201598	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	428683	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	441270	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	445782	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	15853	8.22	ng/uL	0.00
5) Phenol-d5	6.59	99	312901	46.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	223430	48.00	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	251186	49.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	264220	49.25	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	120648	50.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	137395	52.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	243425	48.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	252349	44.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	736440	48.91	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	909976	51.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	105347	38.31	ng/ul	0.00
58) Fluorene-d10	15.03	176	641478	49.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	101925	38.27	ng/ul	0.00
71) Anthracene-d10	16.88	188	994758	50.62	ng/ul	0.00
79) Pyrene-d10	19.19	212	1122289	48.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	1186169	53.28	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.62	94	11111	1.537	ng/ul#	77
28) Naphthalene	10.18	128	4098920	232.069	ng/ul	99
34) 2-Methylnaphthalene	11.80	142	623905	50.872	ng/ul	96
41) 1,1'-Biphenyl	12.85	154	149131	9.631	ng/ul	98
45) Dimethylphthalate	13.50	163	67597	4.302	ng/ul	97
50) Acenaphthene	14.09	153	555640	42.225	ng/ul	99
54) Dibenzofuran	14.43	168	354917	19.216	ng/ul	97
59) Fluorene	15.09	166	251069	16.198	ng/ul	95
70) Phenanthrene	16.83	178	203091	8.301	ng/ul	98
75) Carbazole	17.20	167	197290	8.958	ng/ul	99
77) Fluoranthene	18.86	202	83514	2.914	ng/ul	99
80) Pyrene	19.22	202	62528	1.965	ng/ul#	94

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

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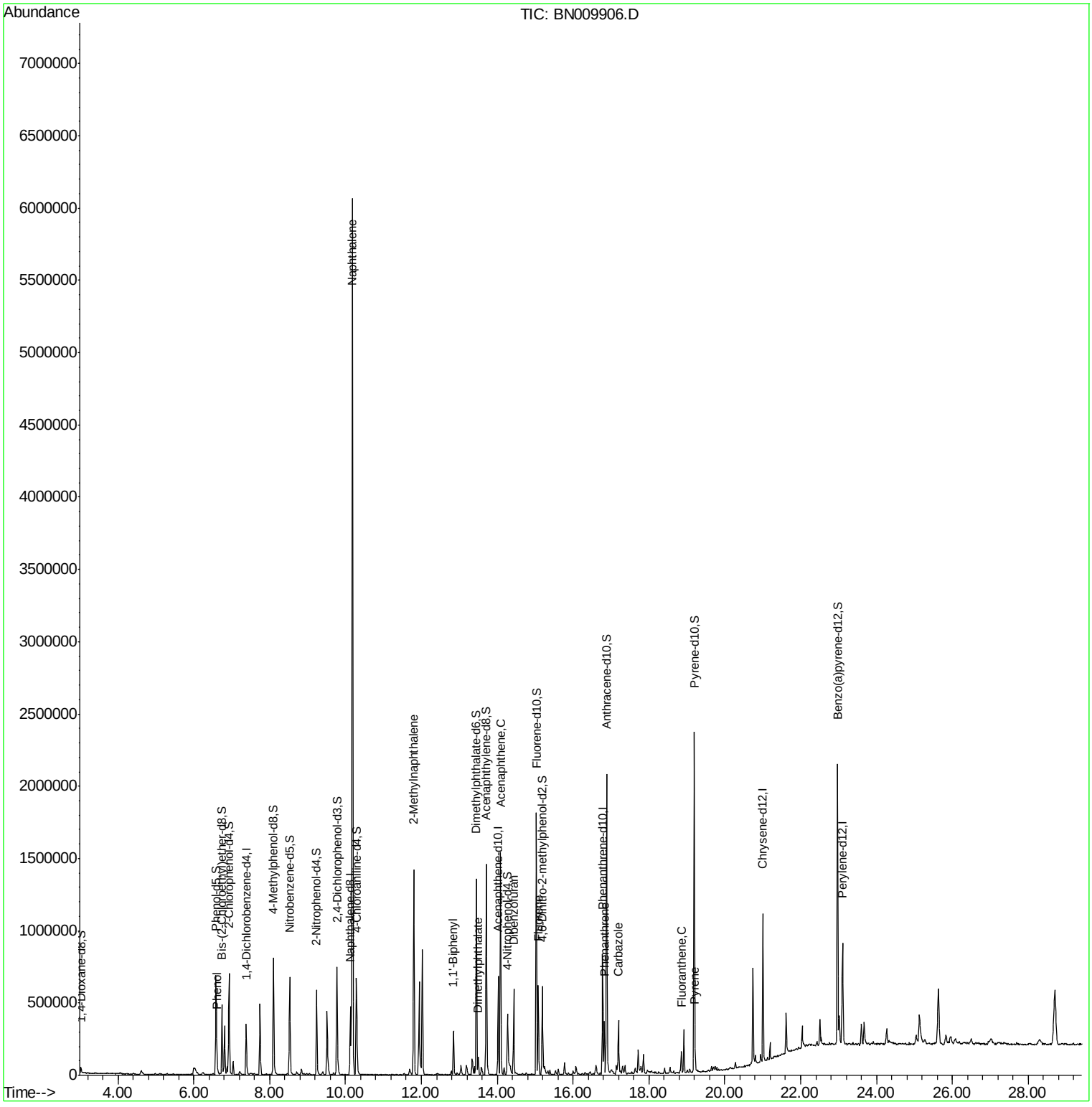
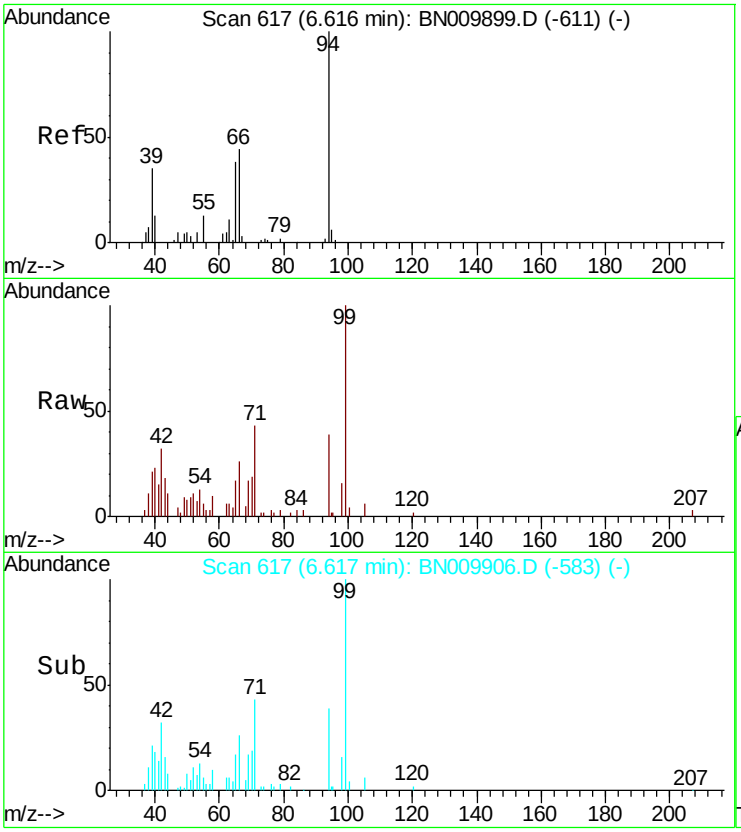
Operator : CG/JU
Sample : L1568-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA5

Quant Time: Feb 26 07:36:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:04:59 2020
Response via : Initial Calibration



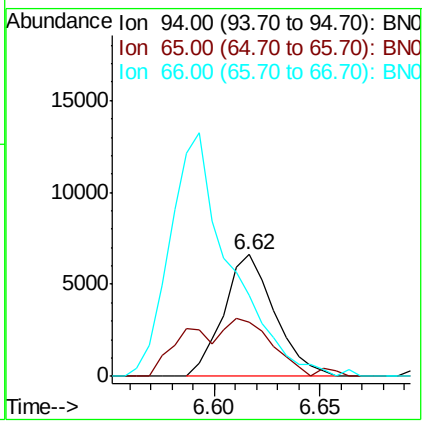


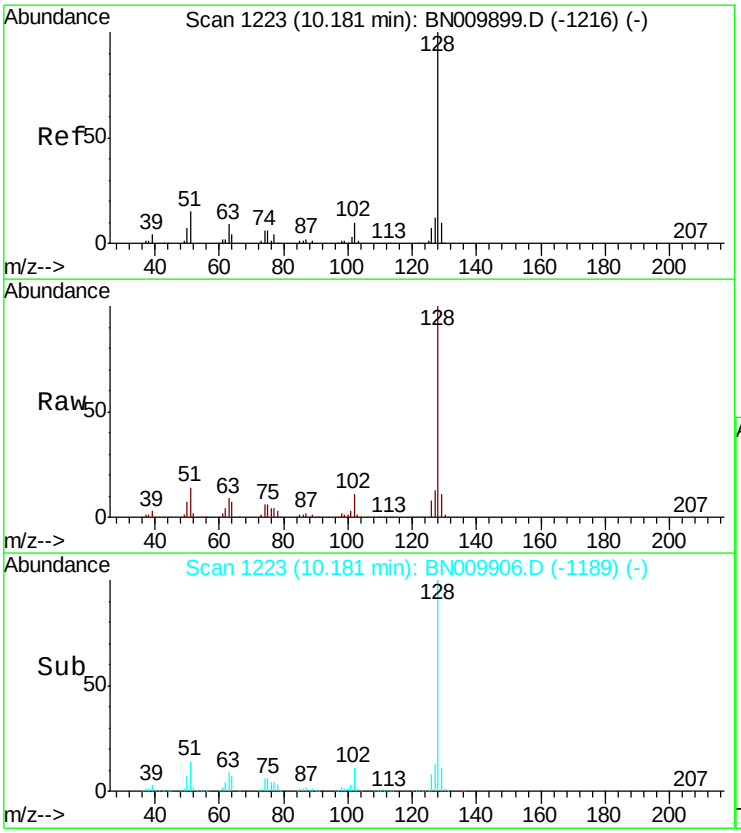
#6
Phenol
Concen: 1.537 ng/ul
RT: 6.62 min Scan# 617
Delta R.T. 0.00 min
Lab File: BN009906.D
Acq: 25 Feb 2020 18:06

Instrument :
BNA_N
ClientSampleId :
DBDA5

Tgt Ion: 94 Resp: 11111

Ion	Ratio	Lower	Upper
94	100		
65	44.1	27.6	41.4#
66	66.8	38.5	57.7#

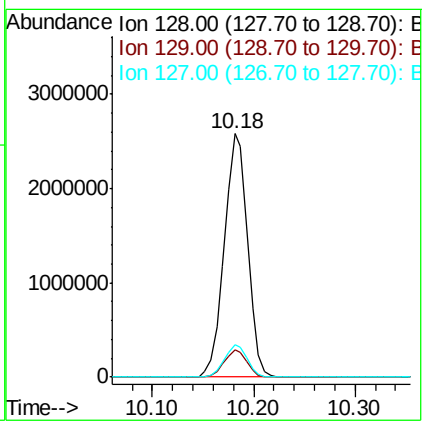


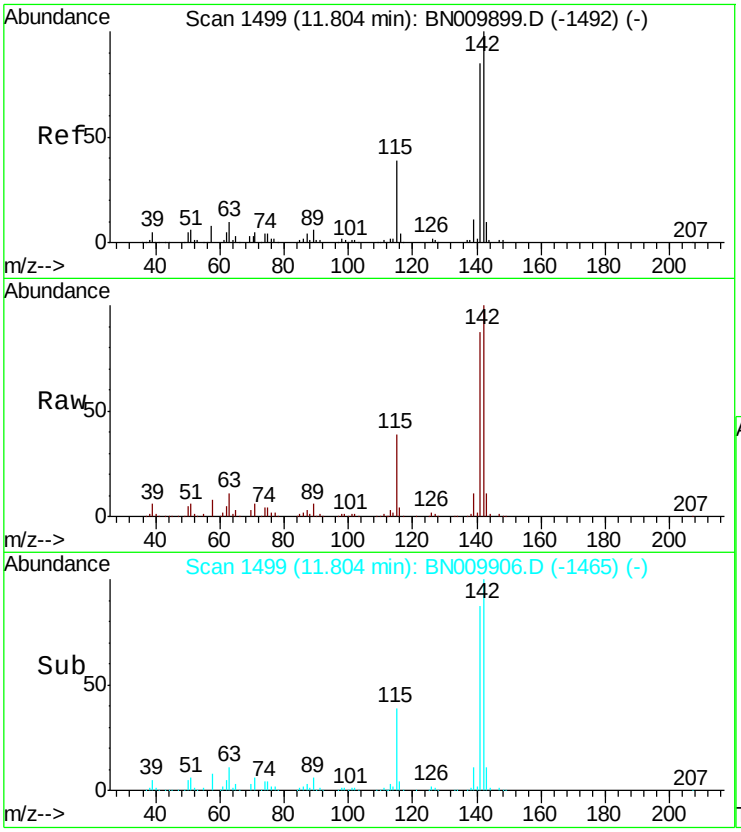


#28
Naphthalene
Concen: 232.069 ng/ul
RT: 10.18 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BN009906.D
Acq: 25 Feb 2020 18:06

Tgt Ion:128 Resp: 4098920

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.1	10.3	15.5



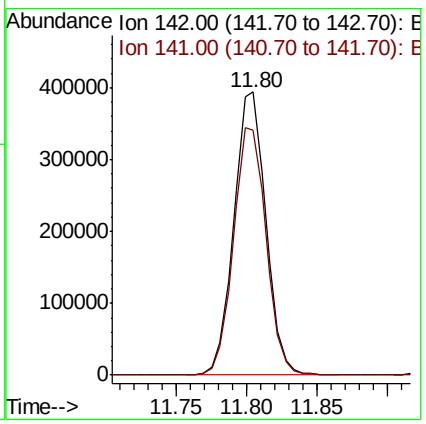


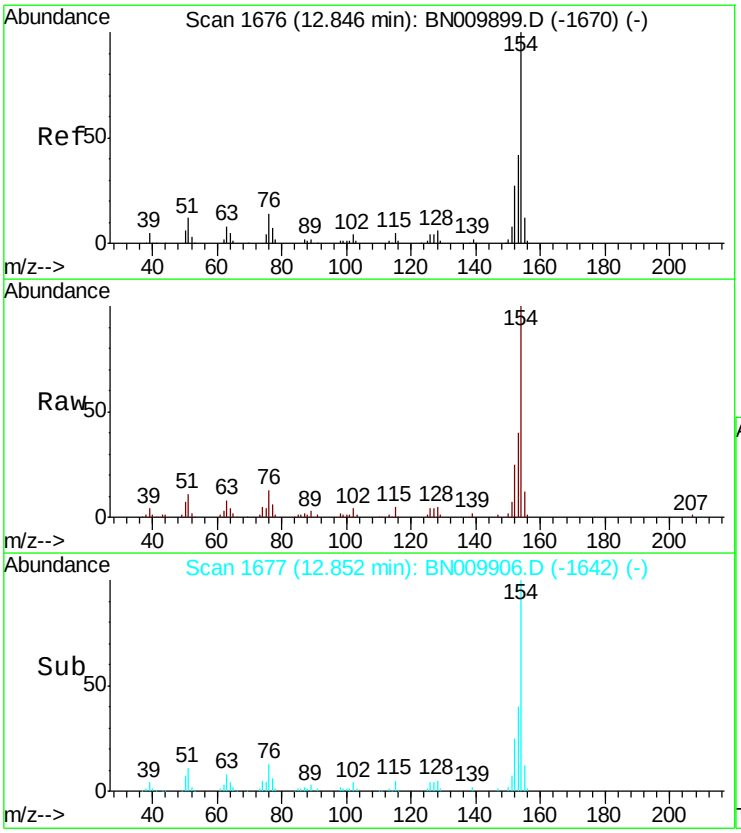
#34
2-Methylnaphthalene
Concen: 50.872 ng/ul
RT: 11.80 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BN009906.D
Acq: 25 Feb 2020 18:06

Instrument :
BNA_N
ClientSampleId :
DBDA5

Tgt Ion:142 Resp: 623905

Ion	Ratio	Lower	Upper
142	100		
141	86.6	72.1	108.1

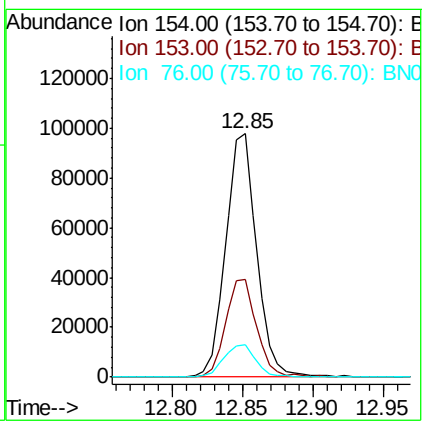


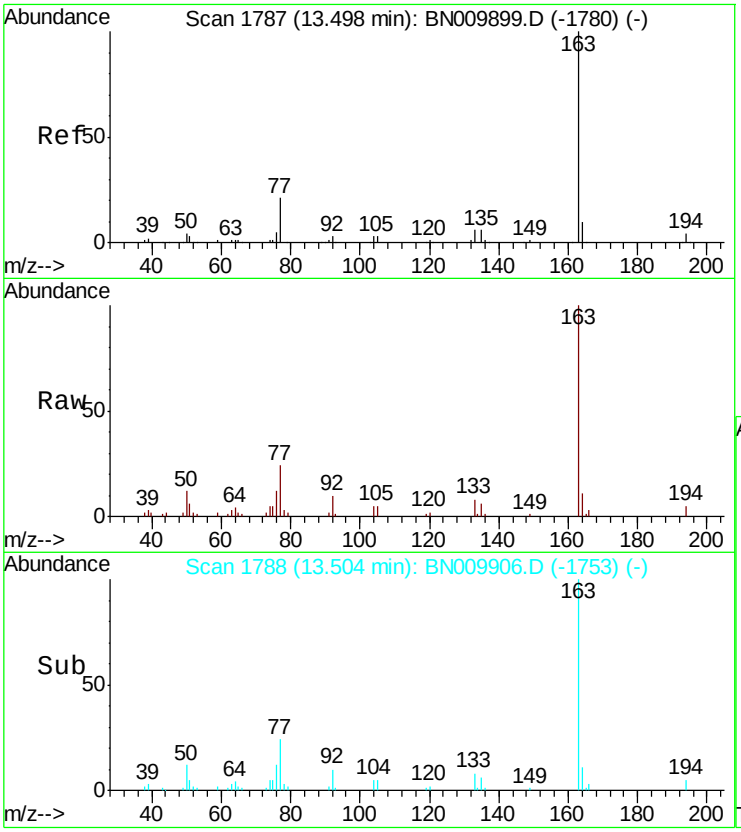


#41
1,1'-Biphenyl
Concen: 9.631 ng/ul
RT: 12.85 min Scan# 1677
Delta R.T. 0.01 min
Lab File: BN009906.D
Acq: 25 Feb 2020 18:06

Tgt Ion:154 Resp: 149131

Ion	Ratio	Lower	Upper
154	100		
153	39.9	33.2	49.8
76	13.1	11.0	16.4



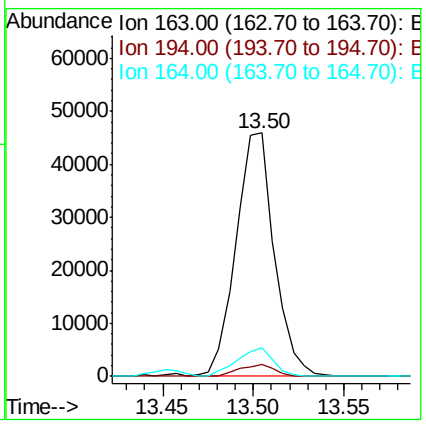


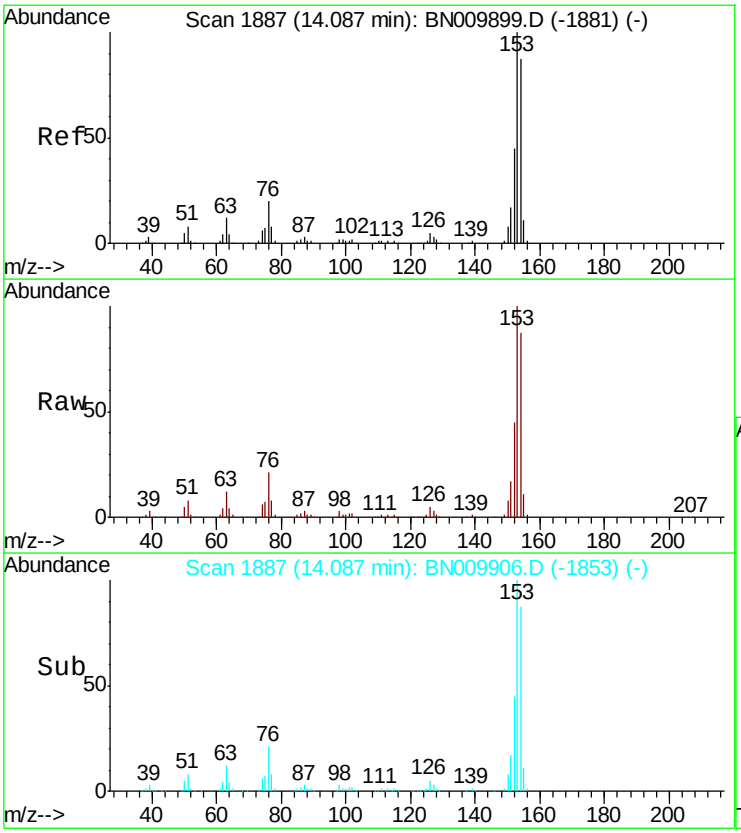
#45
Dimethylphthalate
Concen: 4.302 ng/ul
RT: 13.50 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BN009906.D
Acq: 25 Feb 2020 18:06

Instrument :
BNA_N
ClientSampleId :
DBDA5

Tgt Ion:163 Resp: 67597

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	11.5	8.0	12.0

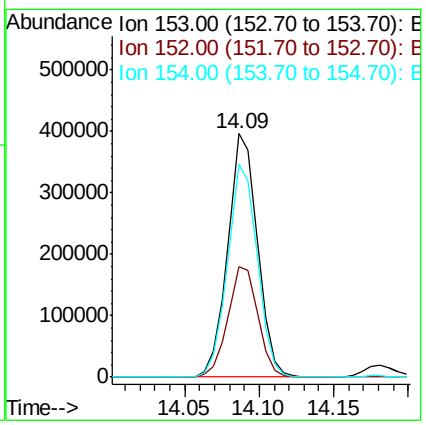


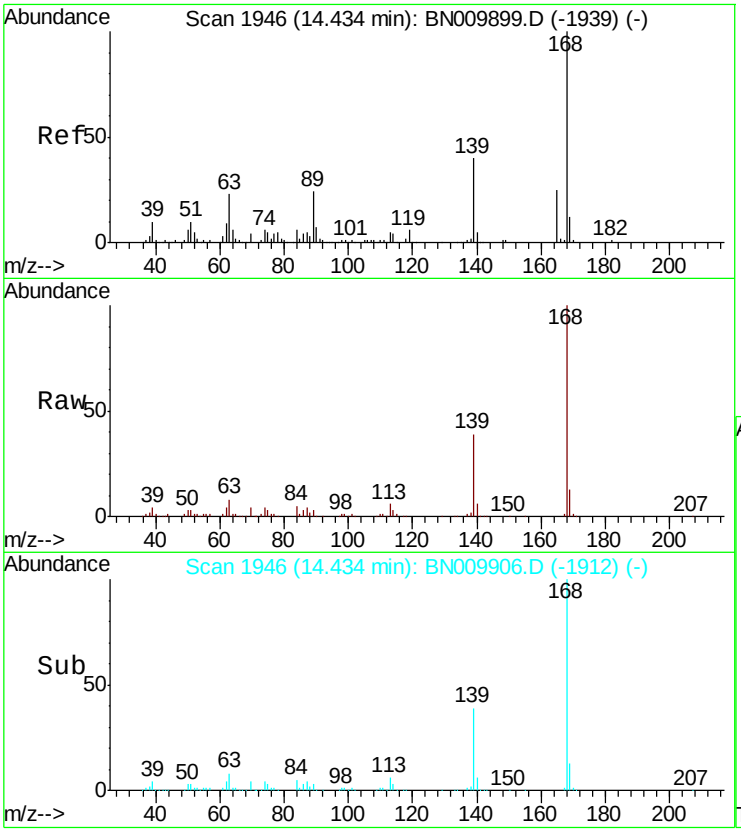


#50
Acenaphthene
Concen: 42.225 ng/ul
RT: 14.09 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BN009906.D
Acq: 25 Feb 2020 18:06

Tgt Ion:153 Resp: 555640

Ion	Ratio	Lower	Upper
153	100		
152	45.3	36.6	54.8
154	87.3	70.6	106.0



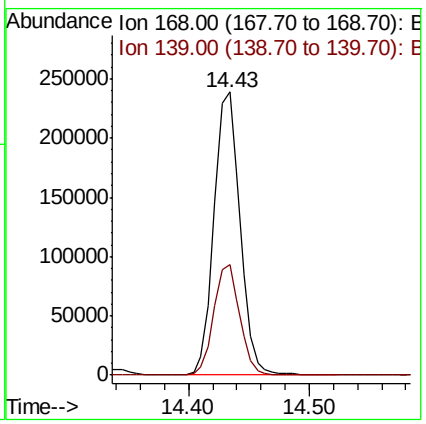


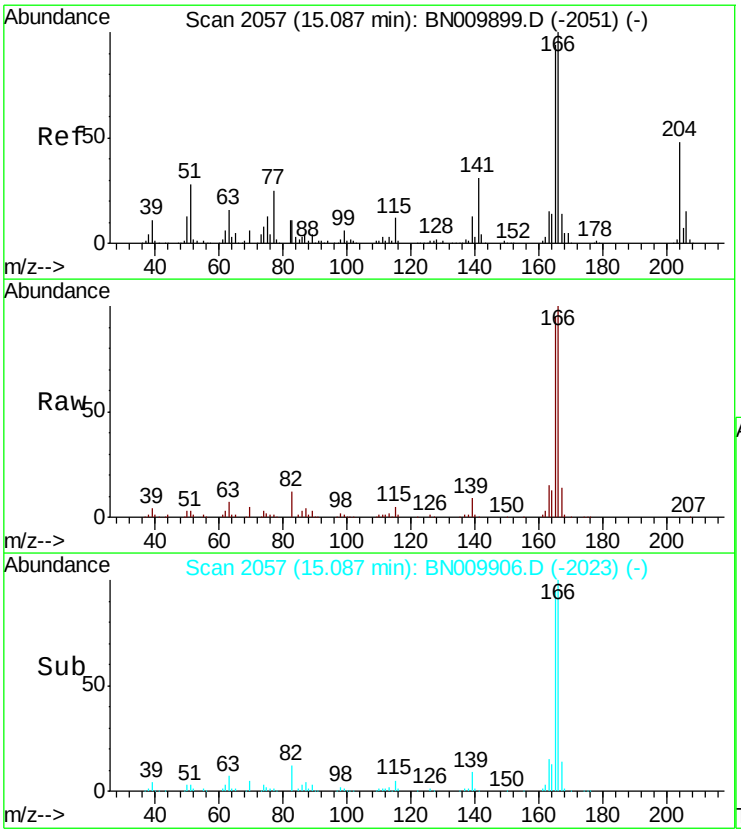
#54
Dibenzofuran
Concen: 19.216 ng/ul
RT: 14.43 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BN009906.D
Acq: 25 Feb 2020 18:06

Instrument :
BNA_N
ClientSampleId :
DBDA5

Tgt Ion:168 Resp: 354917

Ion	Ratio	Lower	Upper
168	100		
139	38.9	32.7	49.1

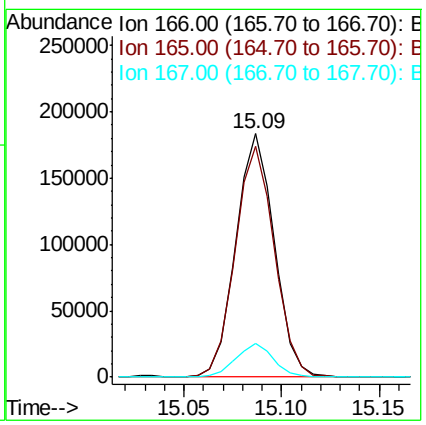


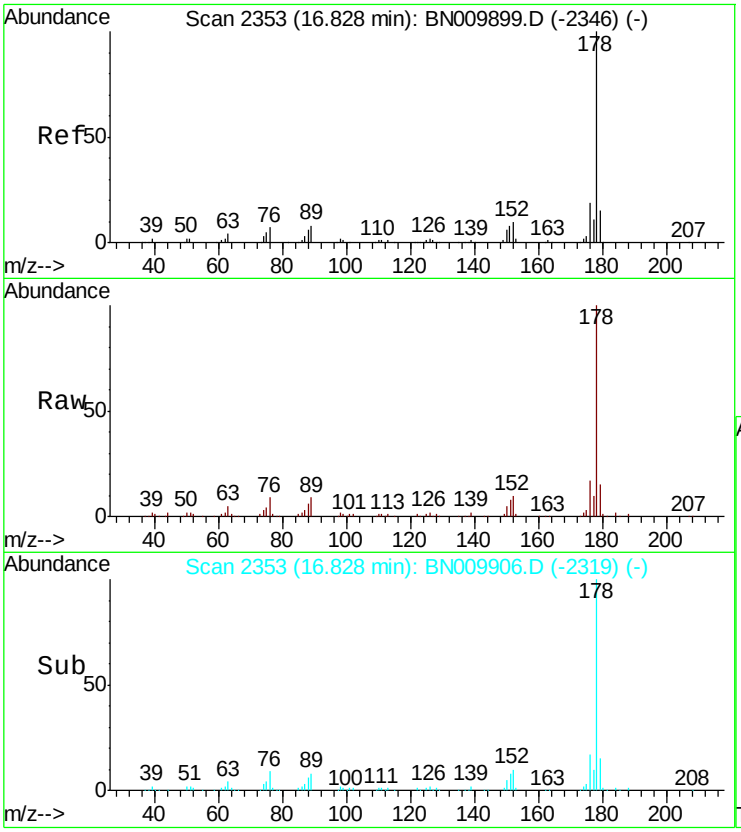


#59
Fluorene
Concen: 16.198 ng/ul
RT: 15.09 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BN009906.D
Acq: 25 Feb 2020 18:06

Tgt Ion:166 Resp: 251069

Ion	Ratio	Lower	Upper
166	100		
165	94.7	79.8	119.8
167	13.8	10.7	16.1



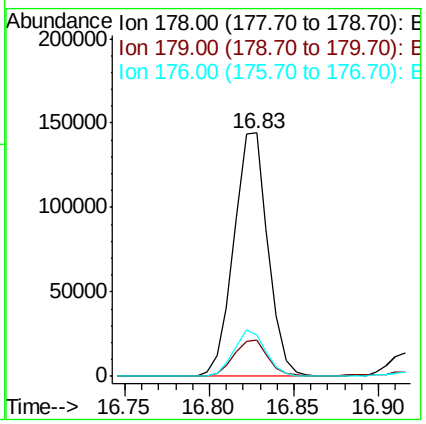


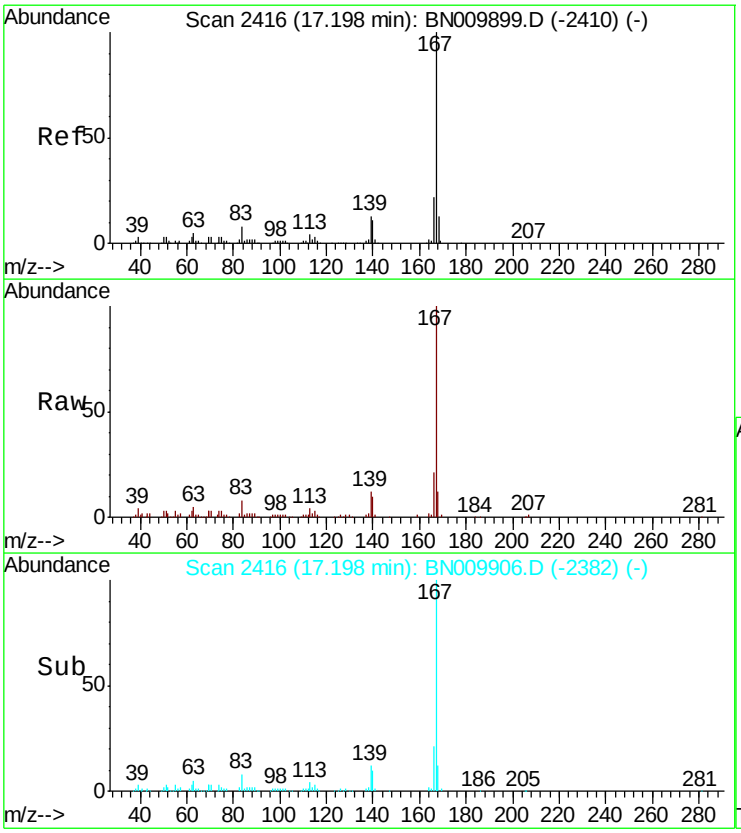
#70
Phenanthrene
Concen: 8.301 ng/ul
RT: 16.83 min Scan# 2353
Delta R.T. 0.00 min
Lab File: BN009906.D
Acq: 25 Feb 2020 18:06

Instrument :
BNA_N
ClientSampleId :
DBDA5

Tgt Ion:178 Resp: 203091

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.5	18.7
176	17.2	14.6	22.0

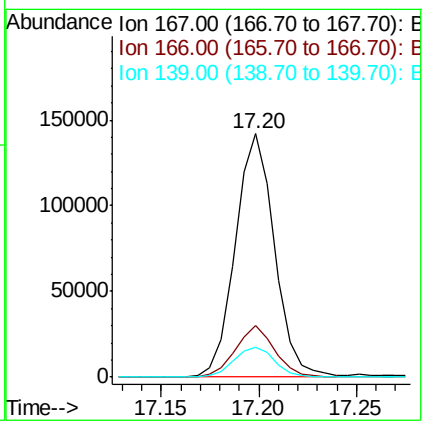


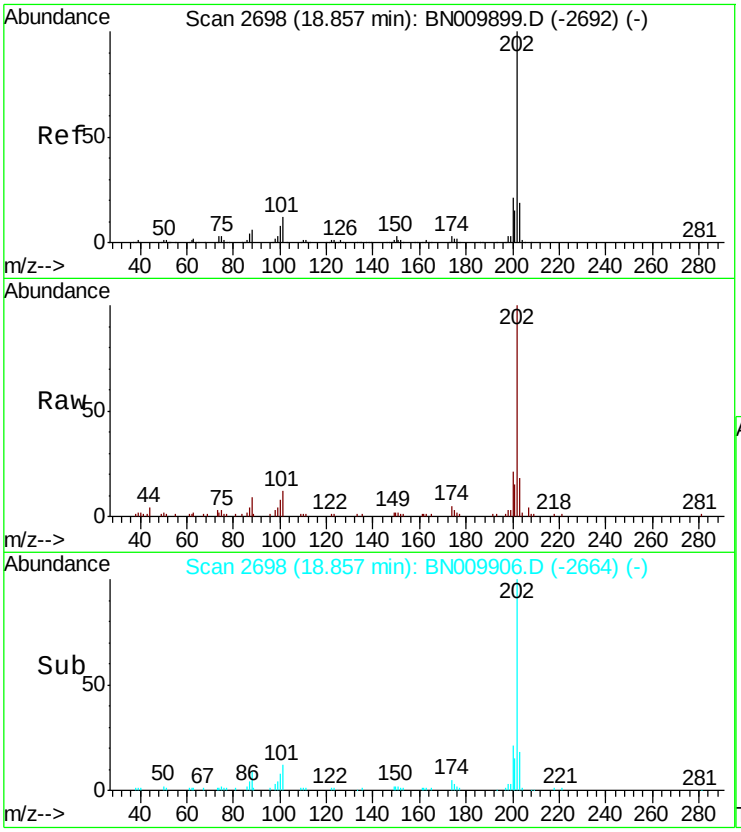


#75
Carbazole
Concen: 8.958 ng/ul
RT: 17.20 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BN009906.D
Acq: 25 Feb 2020 18:06

Tgt Ion:167 Resp: 197290

Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.6	24.8
139	12.5	9.9	14.9



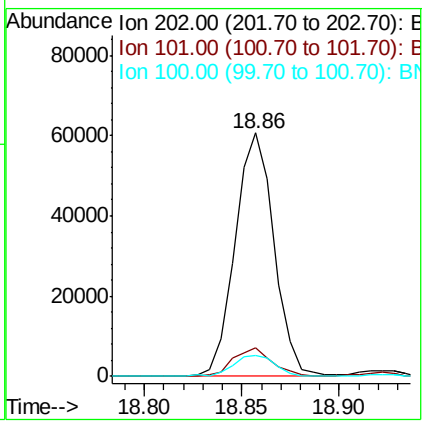


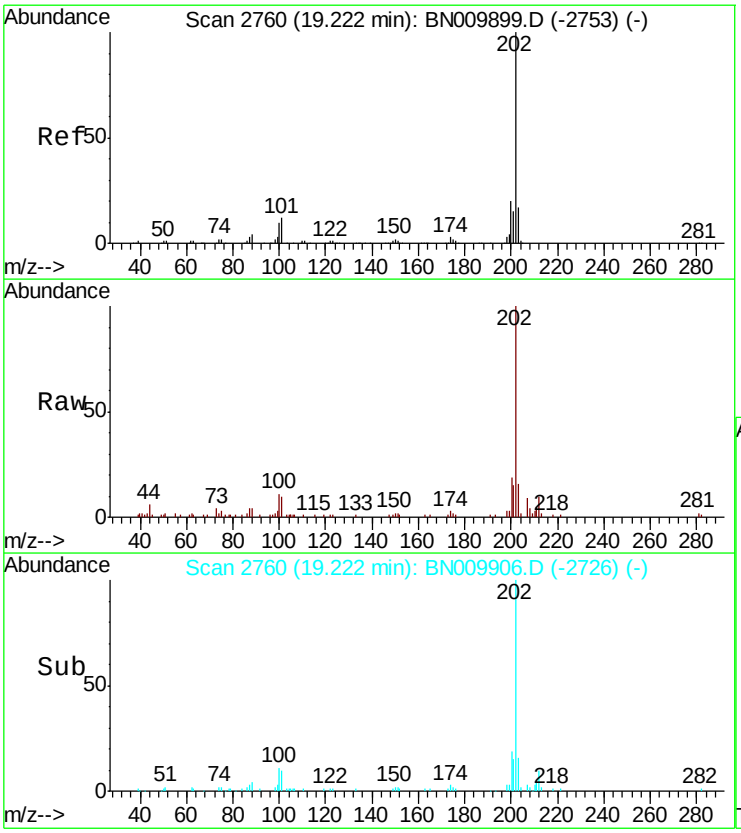
#77
Fluoranthene
Concen: 2.914 ng/ul
RT: 18.86 min Scan# 2698
Delta R.T. 0.00 min
Lab File: BN009906.D
Acq: 25 Feb 2020 18:06

Instrument :
BNA_N
ClientSampleId :
DBDA5

Tgt Ion:202 Resp: 83514

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.4	14.2
100	8.4	7.2	10.8





#80
Pyrene
Concen: 1.965 ng/ul
RT: 19.22 min Scan# 2760
Delta R.T. 0.00 min
Lab File: BN009906.D
Acq: 25 Feb 2020 18:06

Tgt Ion:202 Resp: 62528

Ion	Ratio	Lower	Upper
202	100		
101	9.9	11.3	16.9#
100	10.8	9.0	13.6