Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002603.D
Acq On : 06 Sep 2018 04:48
Operator : JU/SJ
Sample : J4688-20MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 06 06:58:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	161700	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	767590	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	461168	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1074952	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1033028	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	855642	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	11630	3.40	ng/uL	0.00
5) Phenol-d5	6.85	99	280877	18.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	177193	19.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	232546	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	205905	17.37	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	117575	19.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	136623	21.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	236315	20.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	210457	16.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	772423	20.20	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	974965	20.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	94185	13.03	ng/ul	0.00
57) Fluorene-d10	15.29	176	690683	20.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	113566	16.59	ng/ul	0.00
70) Anthracene-d10	17.15	188	1066028	20.76	ng/ul	0.00
78) Pyrene-d10	19.45	212	1164386	23.56	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	958984	21.43	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.88	94	286191	18.954	ng/ul	94
10) 2-Chlorophenol	7.23	128	218048	19.178	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.46	70	186367	18.638	ng/ul#	86
28) Naphthalene	10.48	128	74722	1.892	ng/ul	97
33) 4-Chloro-3-methylphenol	11.73	107	253644	19.280	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	46961	1.611	ng/ul	97
44) Dimethylphthalate	13.76	163	565040	15.070	ng/ul	99
47) Acenaphthylene	14.02	152	102634	2.299	ng/ul	99
49) Acenaphthene	14.36	153	674002	21.399	ng/ul	97
52) 4-Nitrophenol	14.53	109	71870	13.122	ng/ul#	87
53) Dibenzofuran	14.70	168	75349	1.696	ng/ul	99
54) 2,4-Dinitrotoluene	14.67	165	222220	19.456	ng/ul#	87
58) Fluorene	15.35	166	64104	1.763	ng/ul#	96
68) Pentachlorophenol	16.70	266	119218	17.402	ng/ul	99
69) Phenanthrene	17.09	178	1340913	22.628	ng/ul	99
71) Anthracene	17.17	178	316368	5.264	ng/ul	100
74) Carbazole	17.45	167	177553	3.331	ng/ul	98
75) Di-n-butylphthalate	18.02	149	114654	1.769	ng/ul	97
76) Fluoranthene	19.11	202	2562098	37.987	ng/ul	99
79) Pyrene	19.48	202	3547320	56.949	ng/ul	100
82) Benzo(a)anthracene	21.23	228	1128452	17.831	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	1773629	44.804	ng/ul#	98
84) Chrysene	21.28	228	1183482	19.758	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002603.D
Acq On : 06 Sep 2018 04:48
Operator : JU/SJ
Sample : J4688-20MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 06 06:58:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	22.80	252	1419955	27.685	ng/ul	100
88) Benzo(k)fluoranthene	22.80	252	1419955	29.387	ng/ul	99
90) Benzo(a)pyrene	23.37	252	776689	15.897	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.67	276	493273	8.487	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.67	278	135995	2.799	ng/ul#	80
93) Benzo(g,h,i)perylene	26.35	276	437566	9.022	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002603.D
Acq On : 06 Sep 2018 04:48
Operator : JU/SJ
Sample : J4688-20MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

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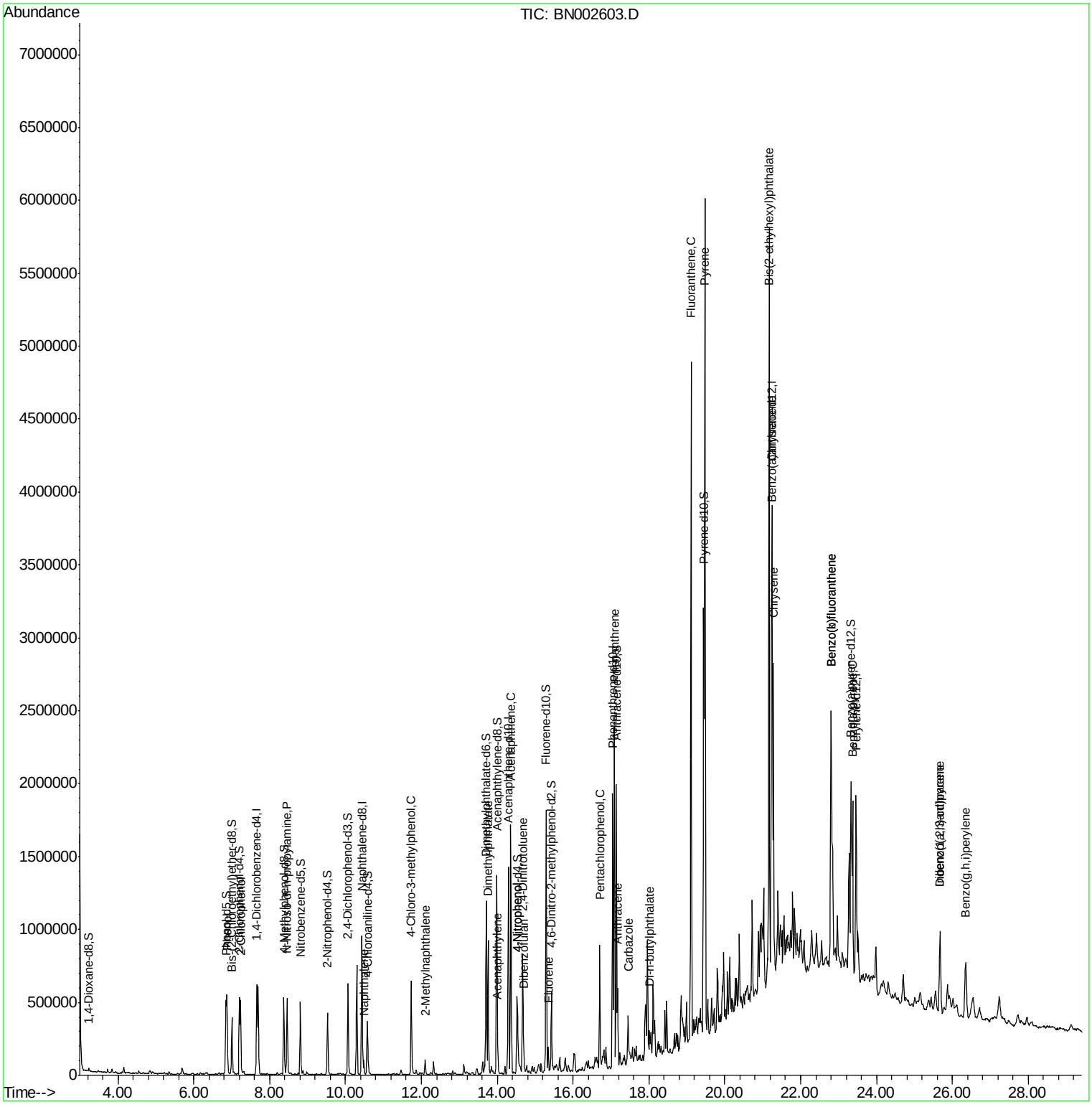
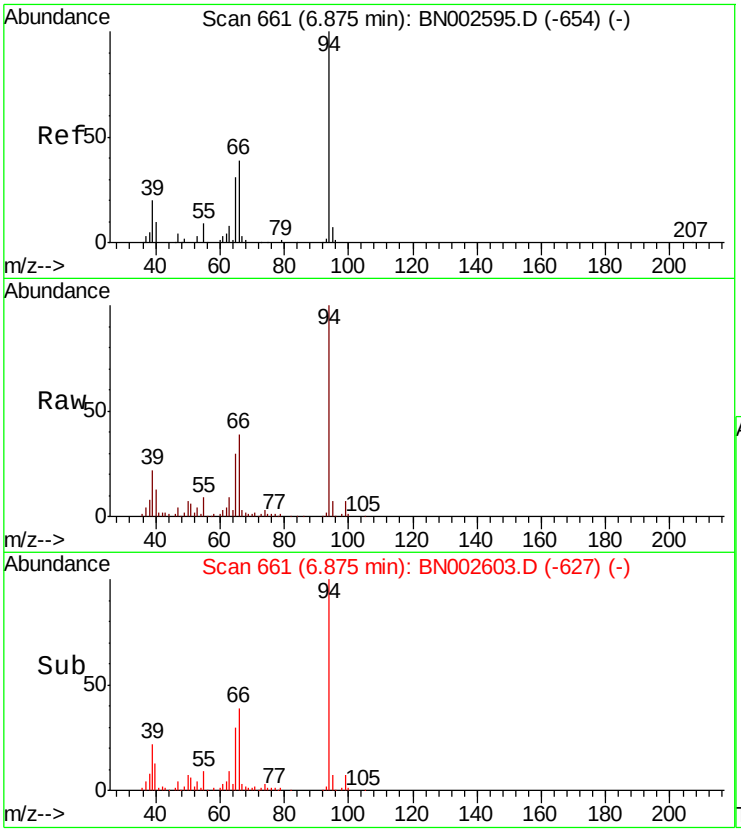
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration



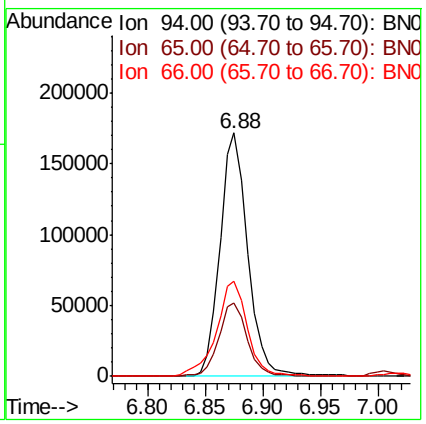


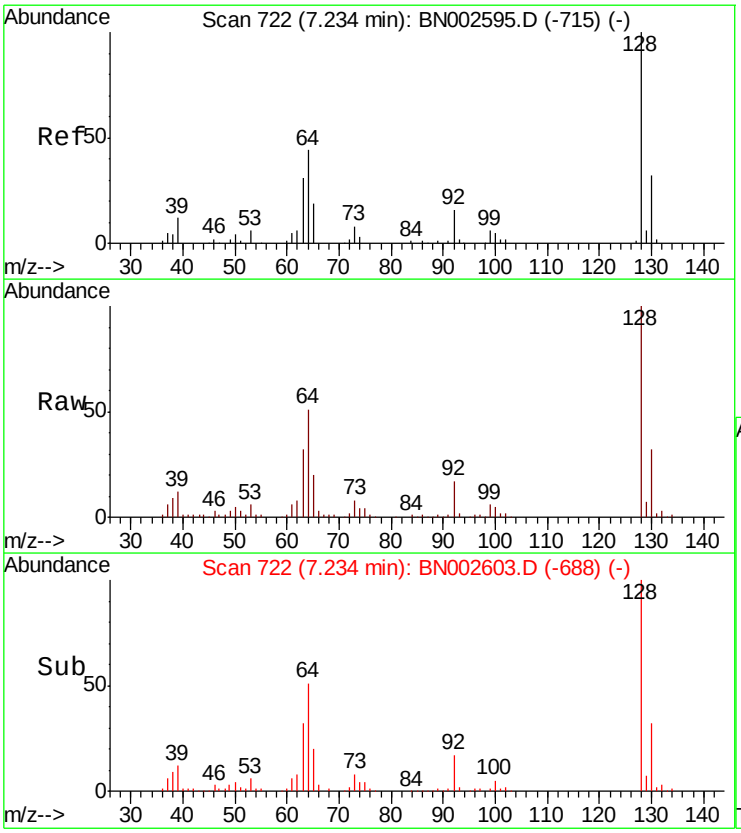
#6
Phenol
Concen: 18.954 ng/ul
RT: 6.88 min Scan# 661
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 94 Resp: 286191

Ion	Ratio	Lower	Upper
94	100		
65	30.2	21.0	31.6
66	39.1	29.3	43.9

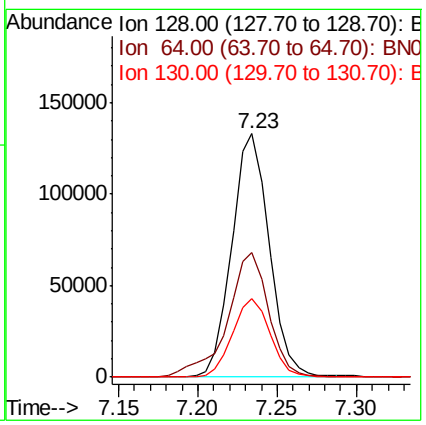


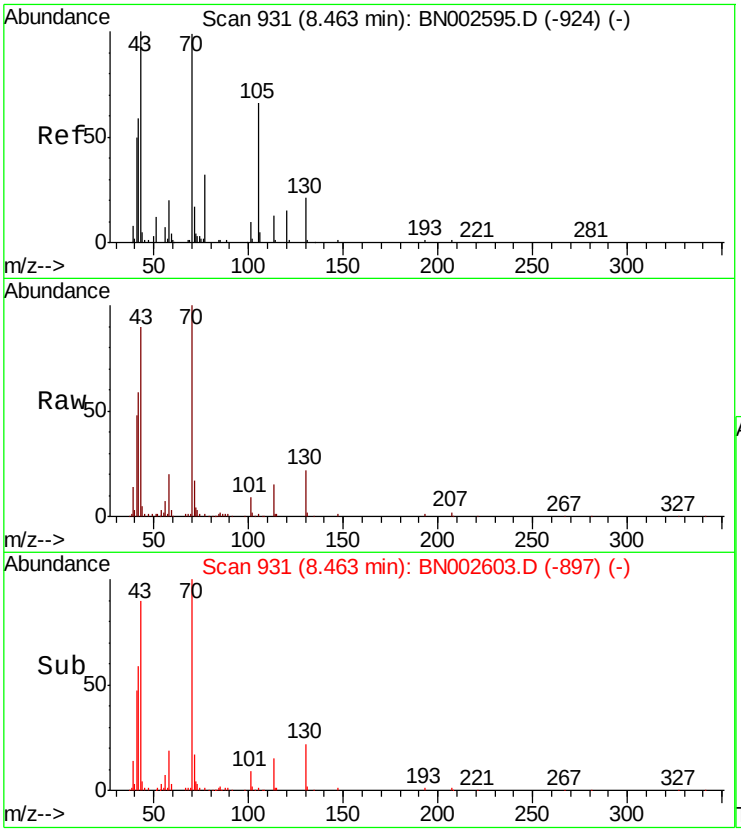


#10
2-Chlorophenol
Concen: 19.178 ng/ul
RT: 7.23 min Scan# 722
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Tgt Ion:128 Resp: 218048

Ion	Ratio	Lower	Upper
128	100		
64	51.3	31.9	47.9#
130	32.2	25.6	38.4



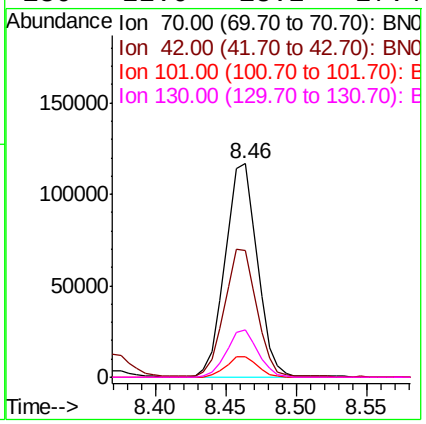


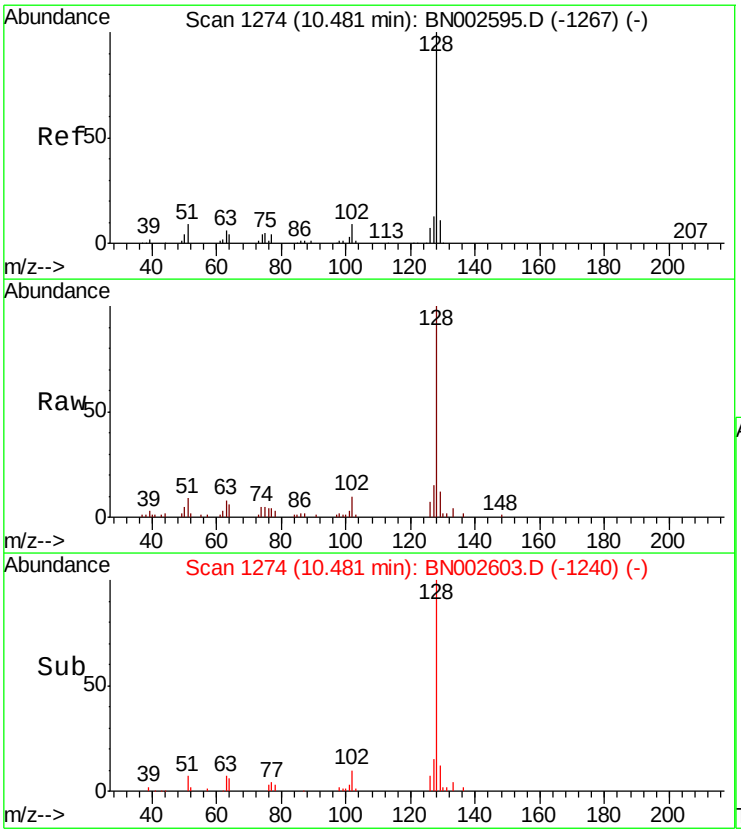
#15
N-Nitroso-di-n-propylamine
Concen: 18.638 ng/ul
RT: 8.46 min Scan# 931
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 70 Resp: 186367

Ion	Ratio	Lower	Upper
70	100		
42	59.3	35.4	53.0#
101	9.3	8.4	12.6
130	22.0	18.2	27.4

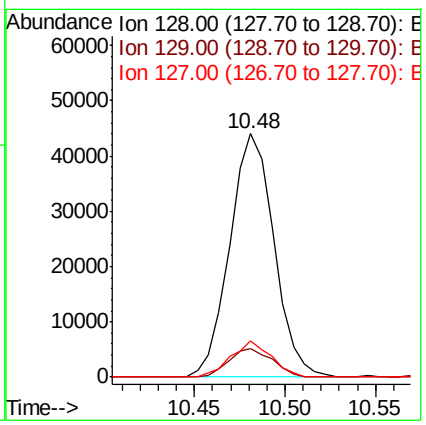


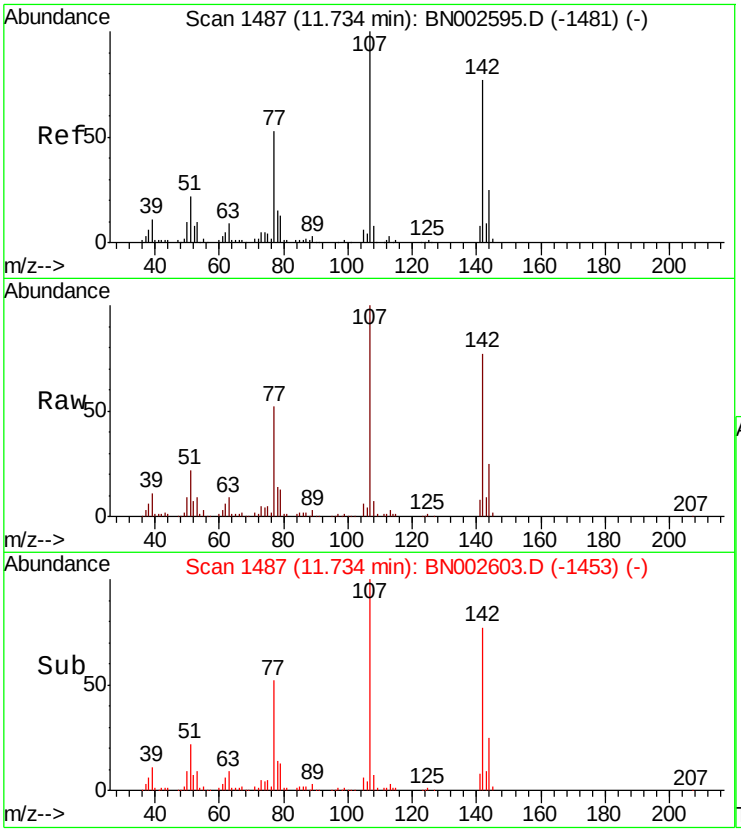


#28
Naphthalene
Concen: 1.892 ng/ul
RT: 10.48 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Tgt Ion:128 Resp: 74722

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	14.7	10.5	15.7



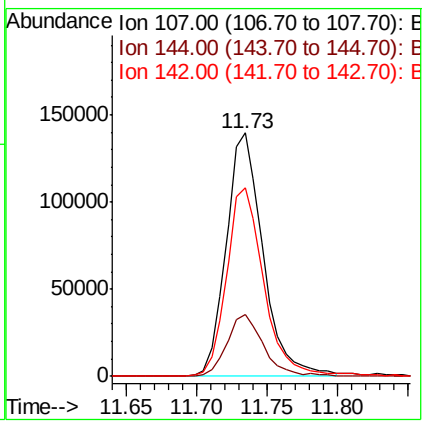


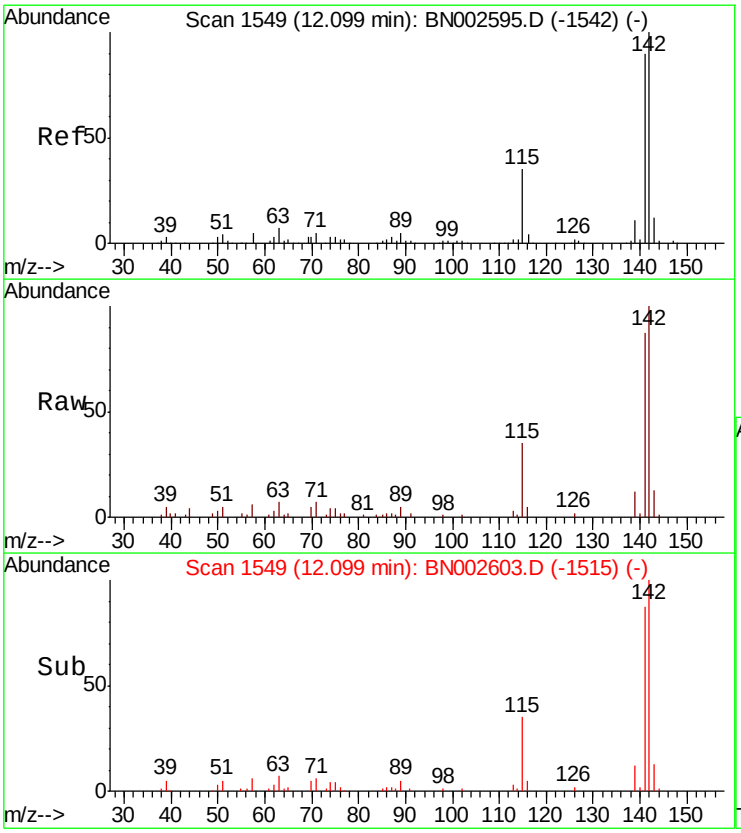
#33
4-Chloro-3-methylphenol
Concen: 19.280 ng/ul
RT: 11.73 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:107 Resp: 253644

Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.4	30.6
142	77.5	62.5	93.7

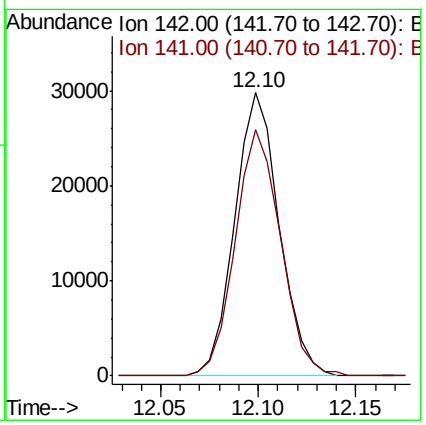


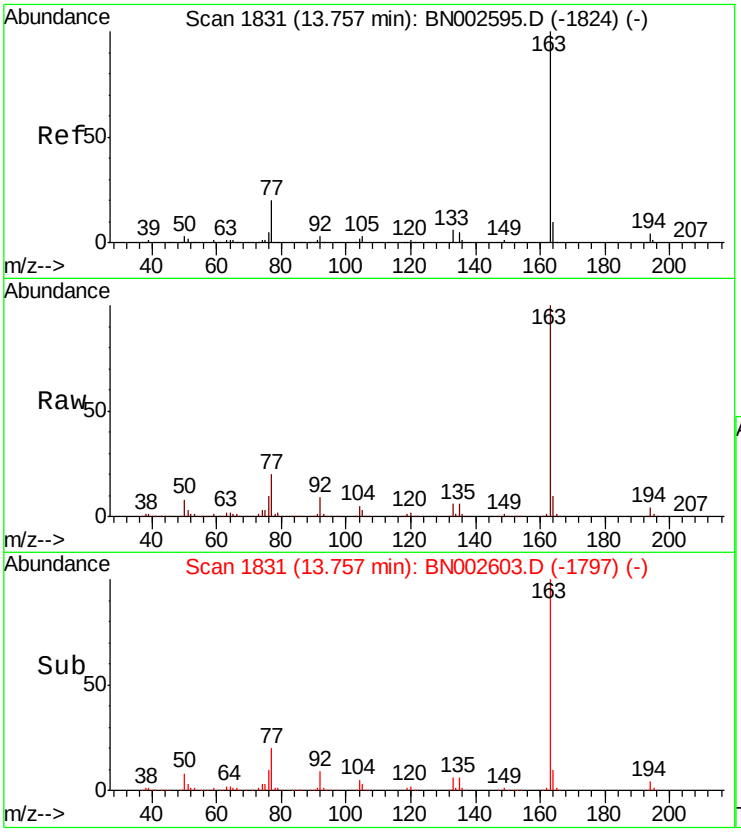


#34
2-Methylnaphthalene
Concen: 1.611 ng/ul
RT: 12.10 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Tgt Ion:142 Resp: 46961

Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.6	107.4



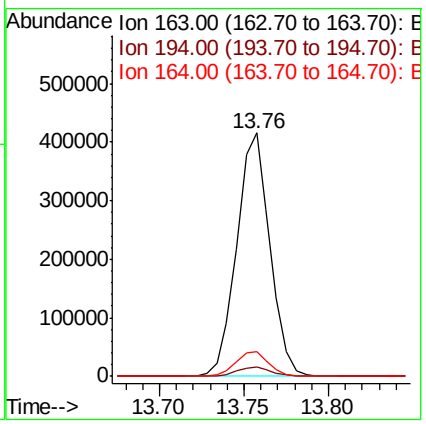


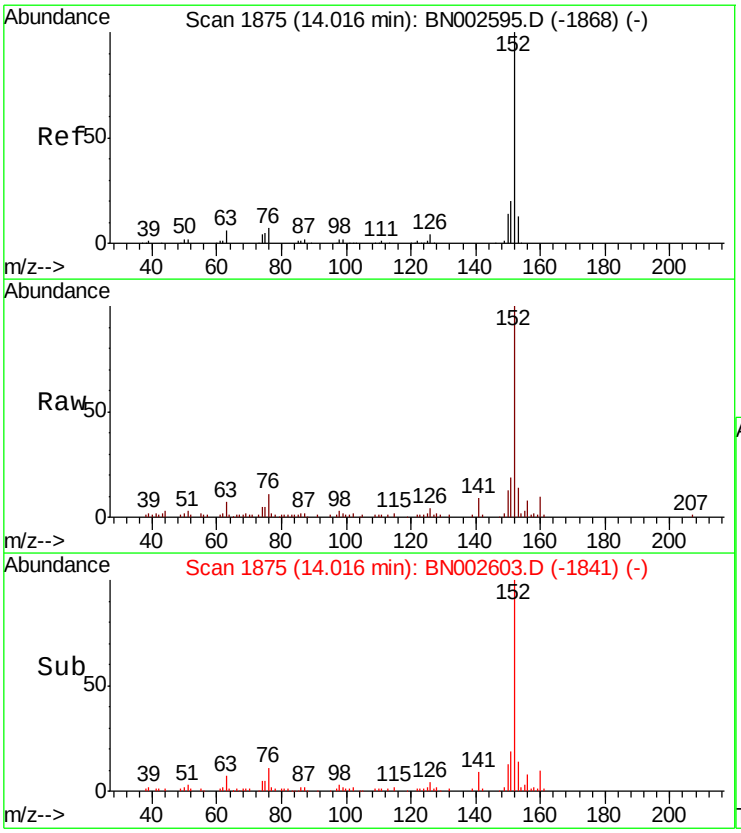
#44
Dimethylphthalate
Concen: 15.070 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 565040

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.2	7.8	11.8

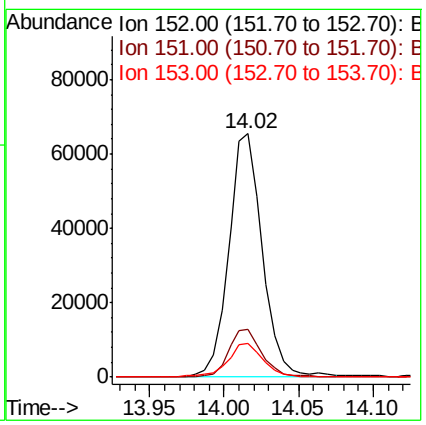


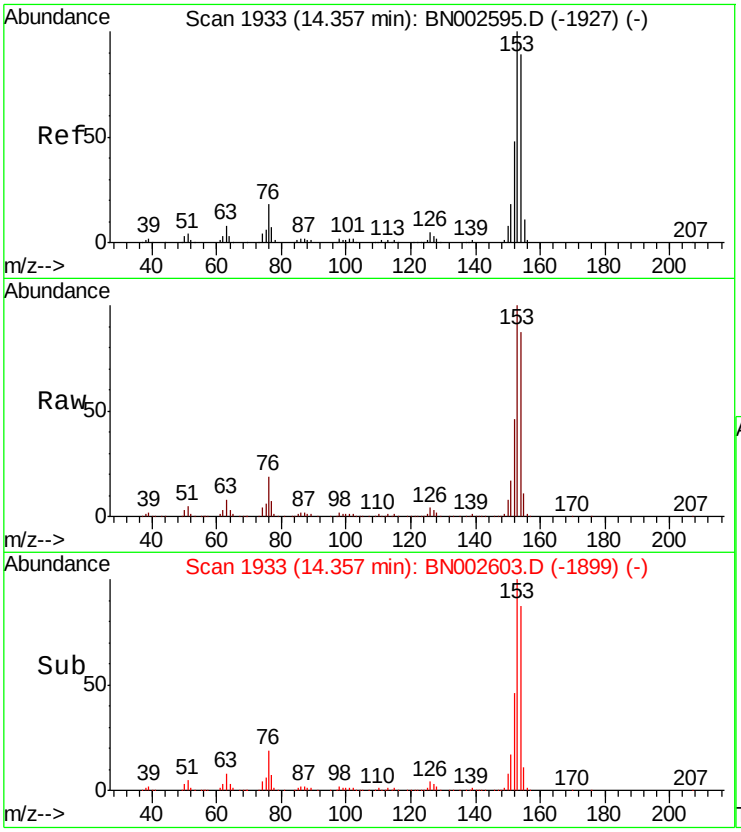


#47
Acenaphthylene
Concen: 2.299 ng/ul
RT: 14.02 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Tgt Ion:152 Resp: 102634

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.8	10.5	15.7



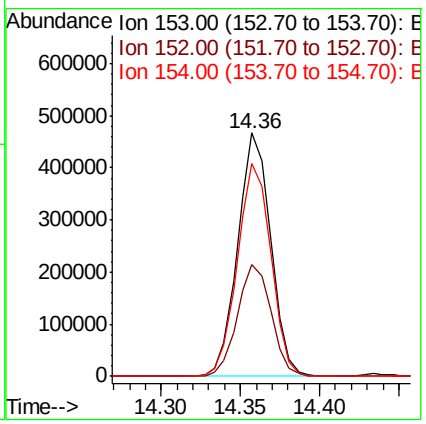


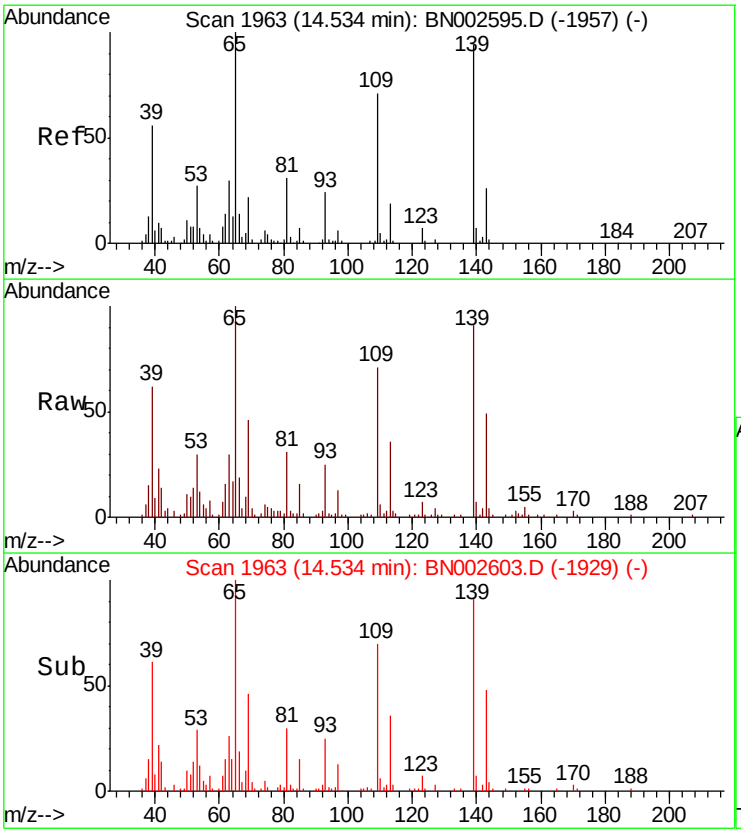
#49
Acenaphthene
Concen: 21.399 ng/ul
RT: 14.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 674002

Ion	Ratio	Lower	Upper
153	100		
152	46.0	38.3	57.5
154	87.4	71.8	107.8

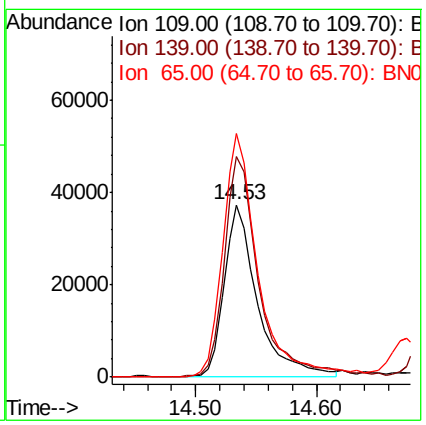


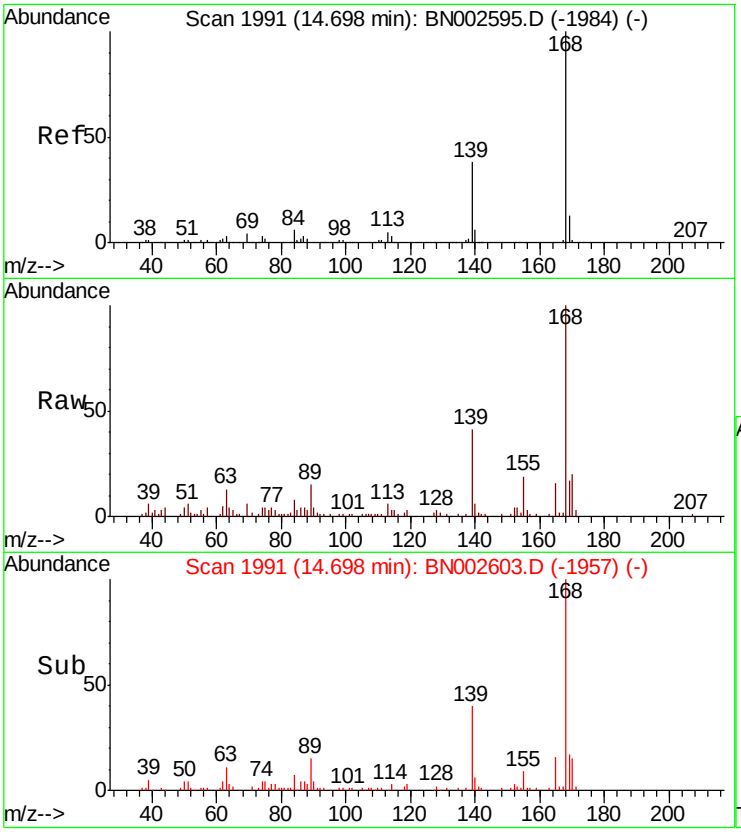


#52
4-Nitrophenol
Concen: 13.122 ng/ul
RT: 14.53 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Tgt Ion:109 Resp: 71870

Ion	Ratio	Lower	Upper
109	100		
139	128.2	103.7	155.5
65	141.3	89.4	134.2#



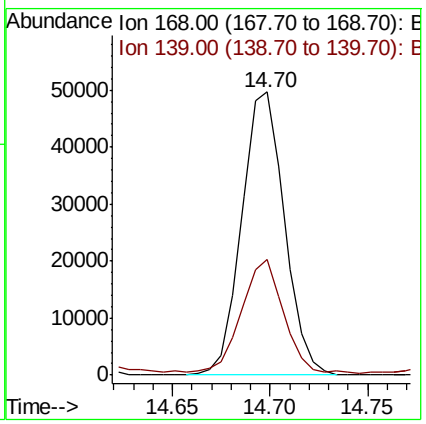


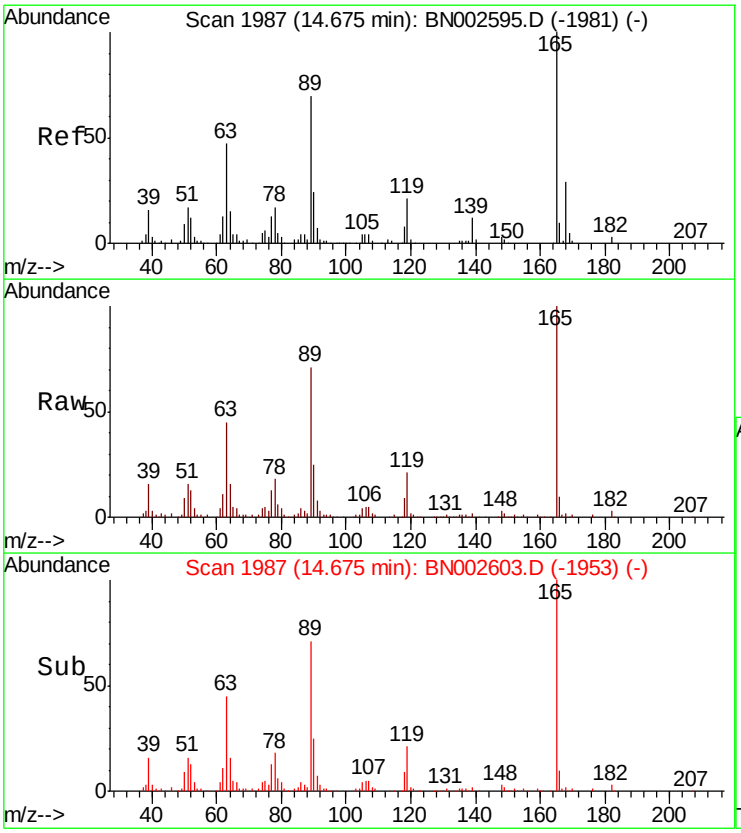
#53
Dibenzofuran
Concen: 1.696 ng/ul
RT: 14.70 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:168 Resp: 75349

Ion	Ratio	Lower	Upper
168	100		
139	40.7	32.2	48.2

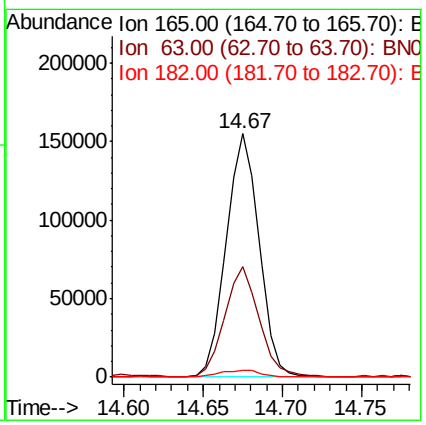


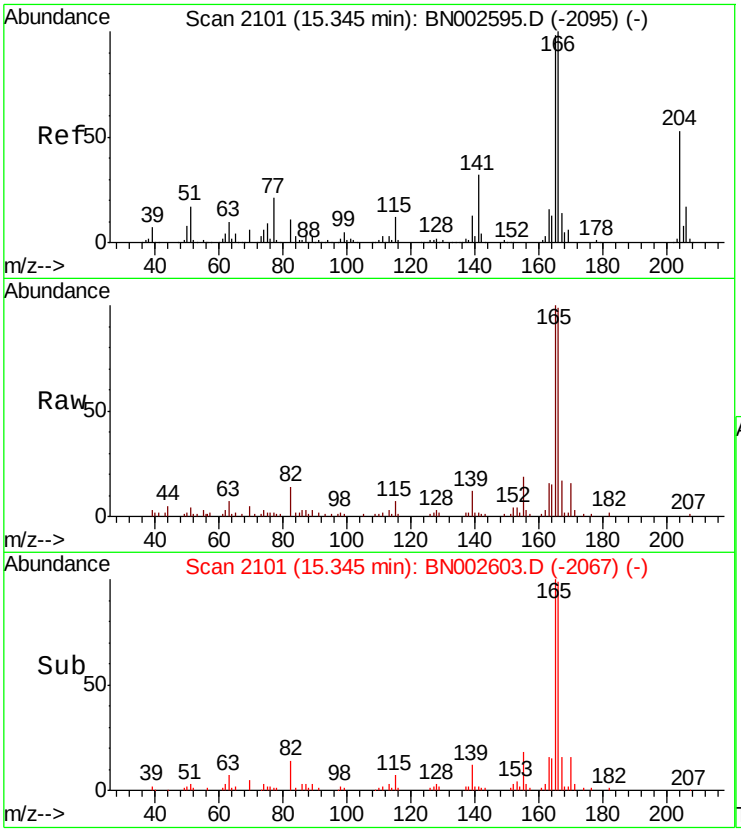


#54
2,4-Dinitrotoluene
Concen: 19.456 ng/ul
RT: 14.67 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Tgt Ion:165 Resp: 222220

Ion	Ratio	Lower	Upper
165	100		
63	45.4	29.8	44.6#
182	3.0	2.2	3.4



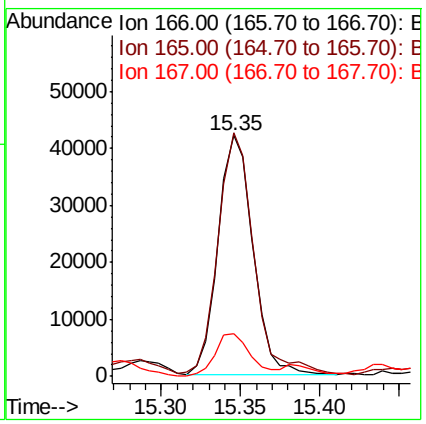


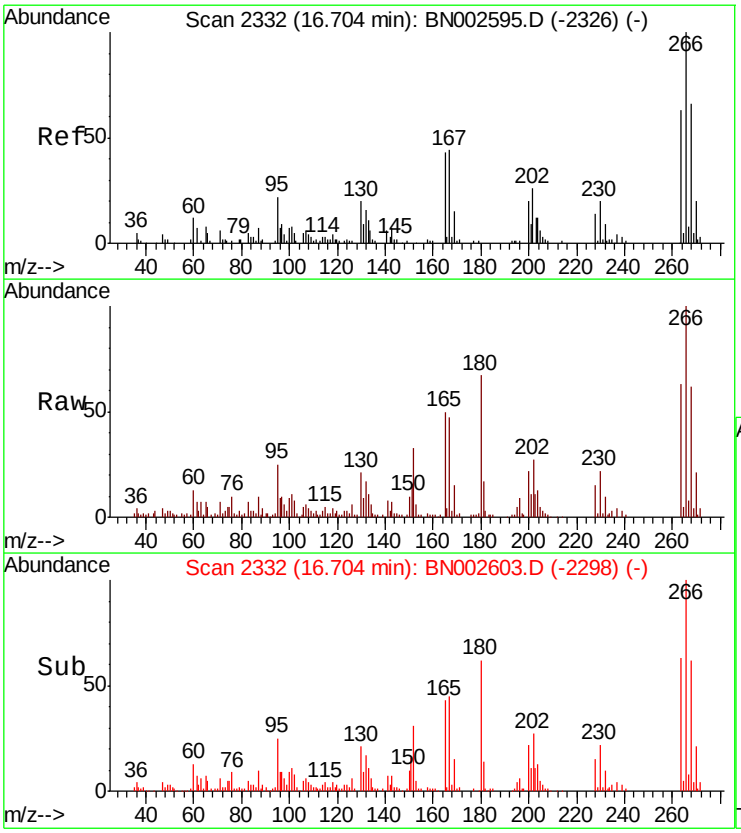
#58
Fluorene
Concen: 1.763 ng/ul
RT: 15.35 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 64104

Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.5	117.7
167	17.5	10.7	16.1#

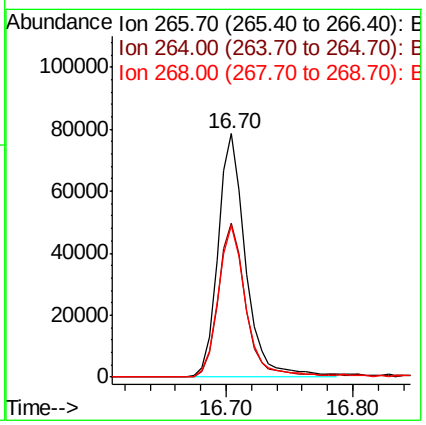


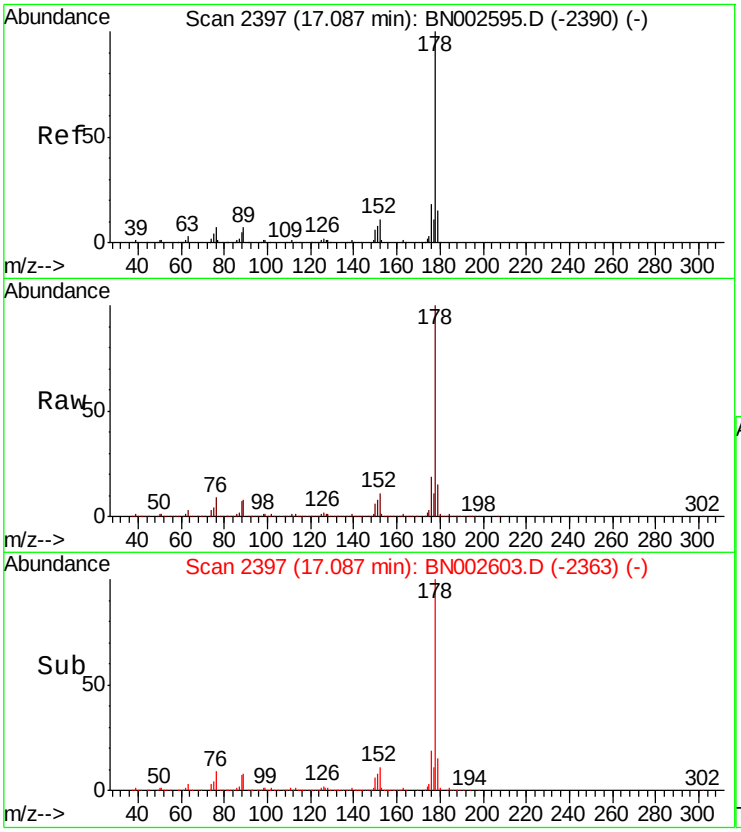


#68
Pentachlorophenol
Concen: 17.402 ng/ul
RT: 16.70 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Tgt Ion:266 Resp: 119218

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.5	75.7
268	62.1	50.9	76.3



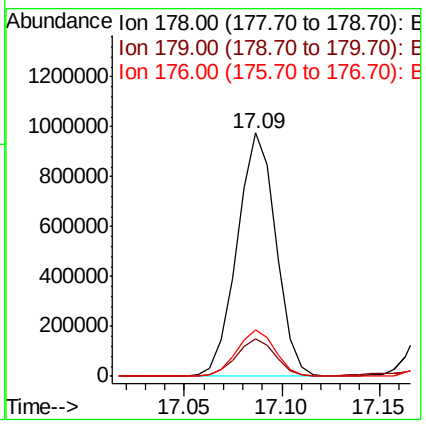


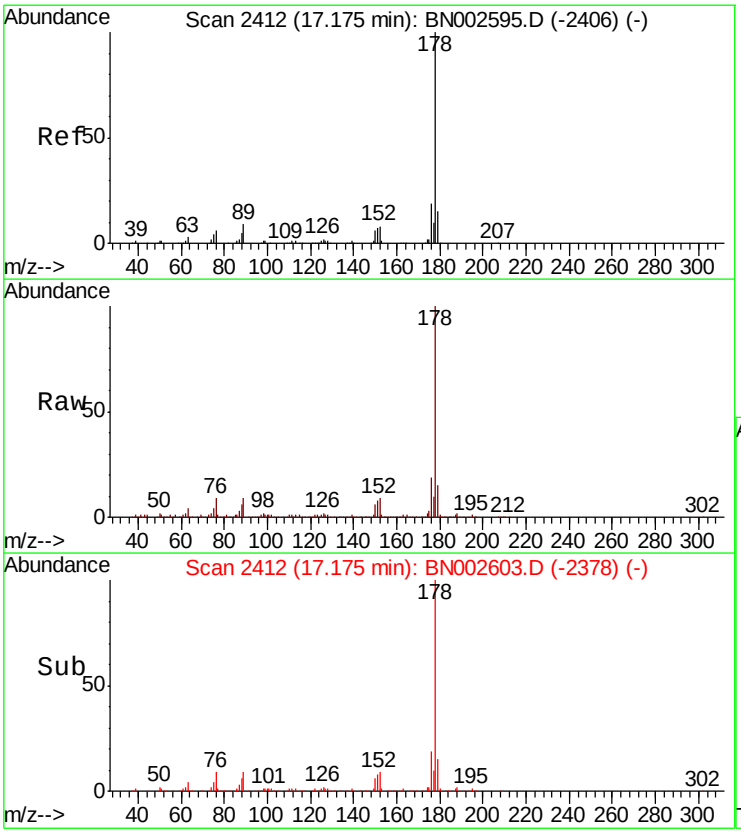
#69
Phenanthrene
Concen: 22.628 ng/ul
RT: 17.09 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 1340913

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	19.2	15.6	23.4

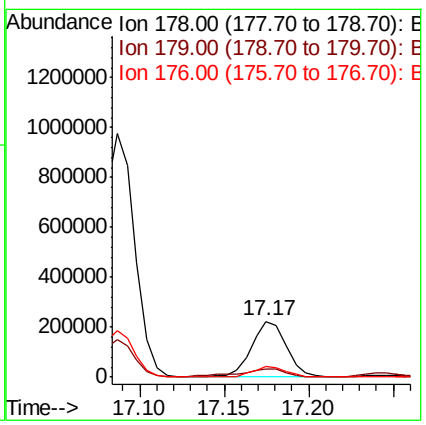


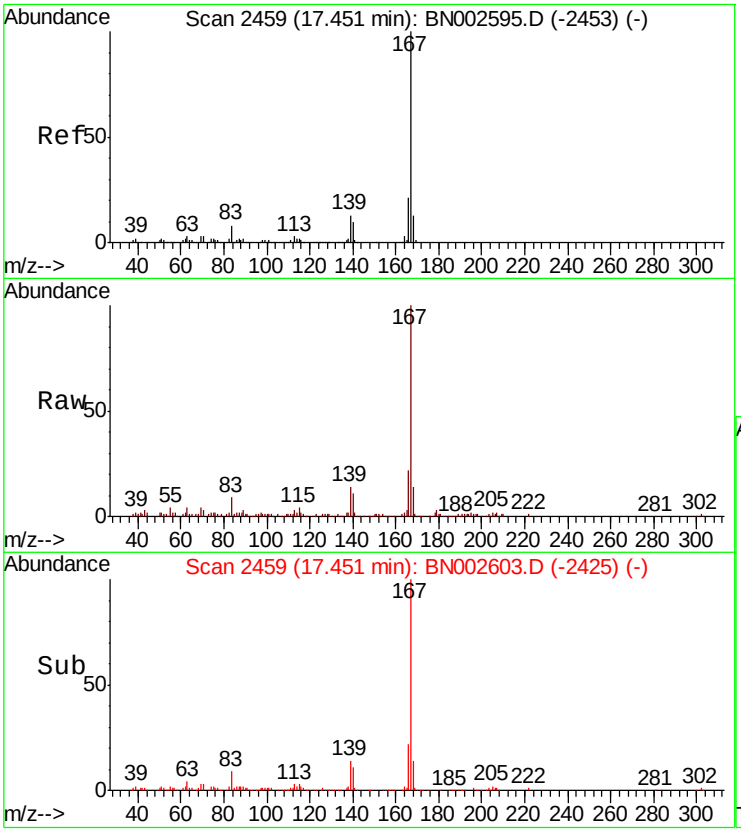


#71
Anthracene
Concen: 5.264 ng/ul
RT: 17.17 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Tgt Ion:178 Resp: 316368

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.1	18.1
176	18.6	14.8	22.2



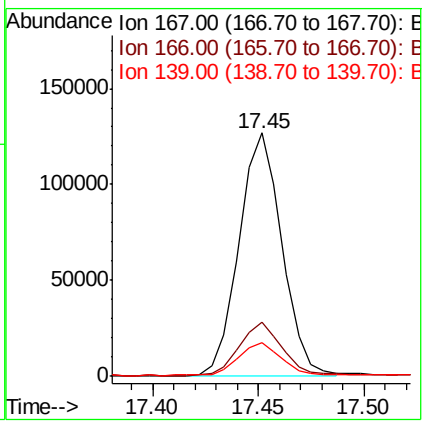


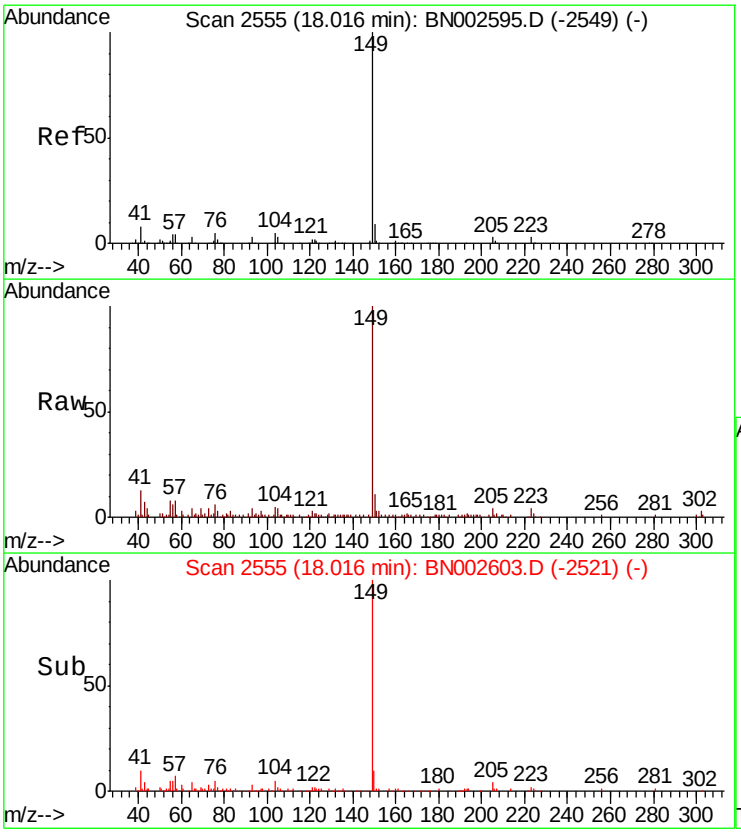
#74
Carbazole
Concen: 3.331 ng/ul
RT: 17.45 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:167 Resp: 177553

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.0	25.6
139	13.8	11.0	16.4

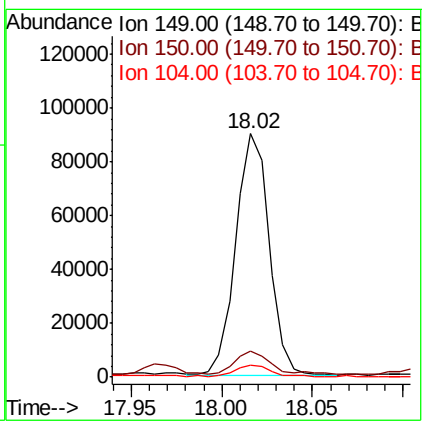


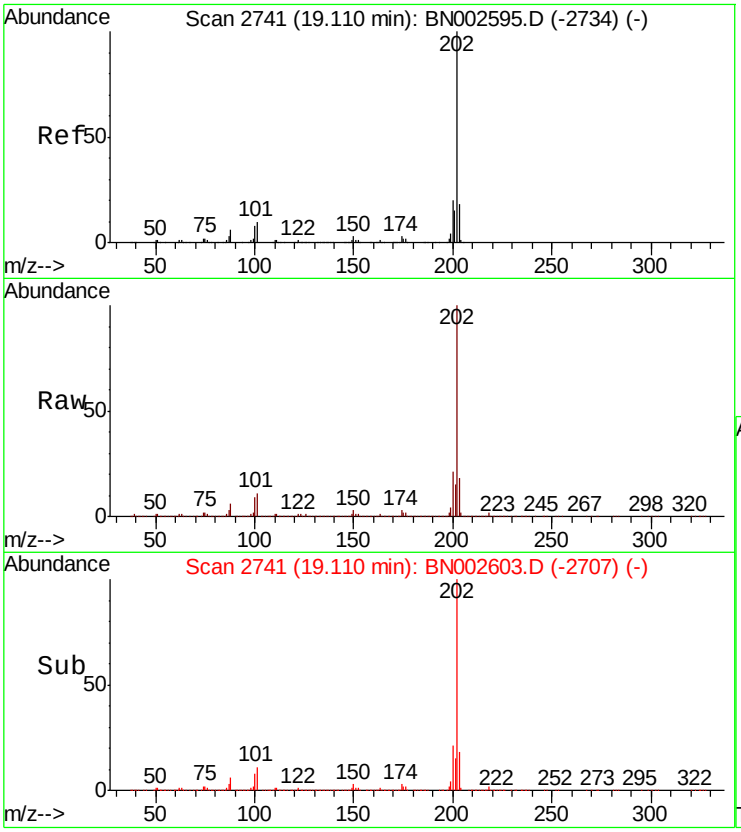


#75
Di-n-butylphthalate
Concen: 1.769 ng/ul
RT: 18.02 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Tgt Ion:149 Resp: 114654

Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.4	11.0
104	5.1	4.0	6.0



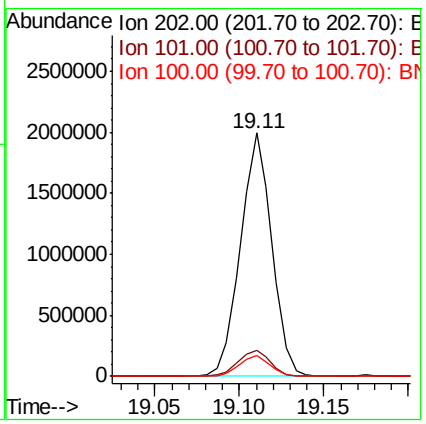


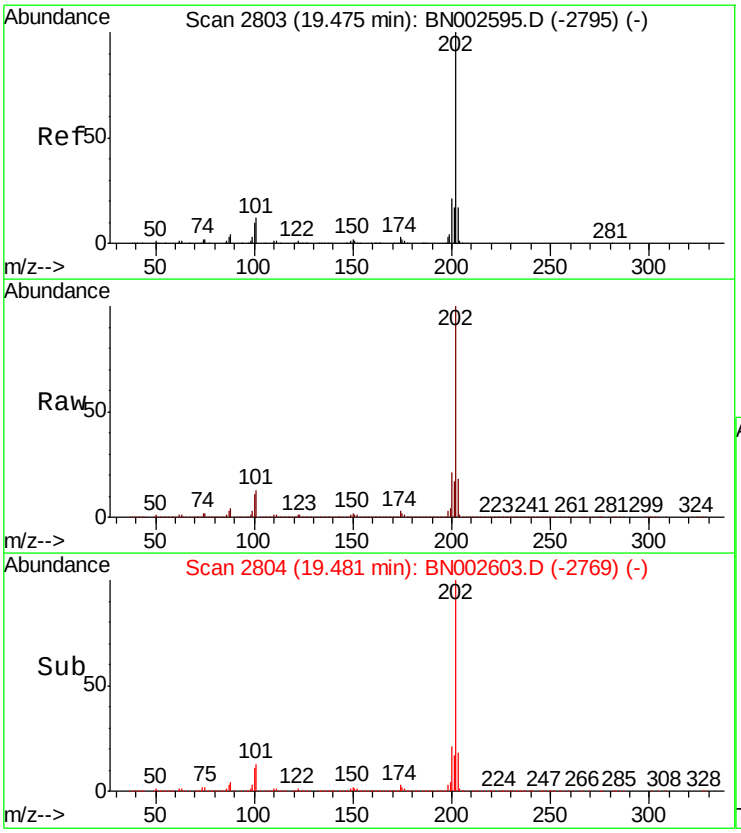
#76
Fluoranthene
Concen: 37.987 ng/ul
RT: 19.11 min Scan# 2741
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 2562098

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.8	13.2
100	8.5	6.6	9.8

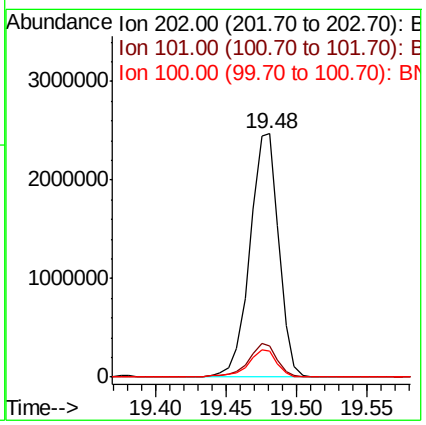


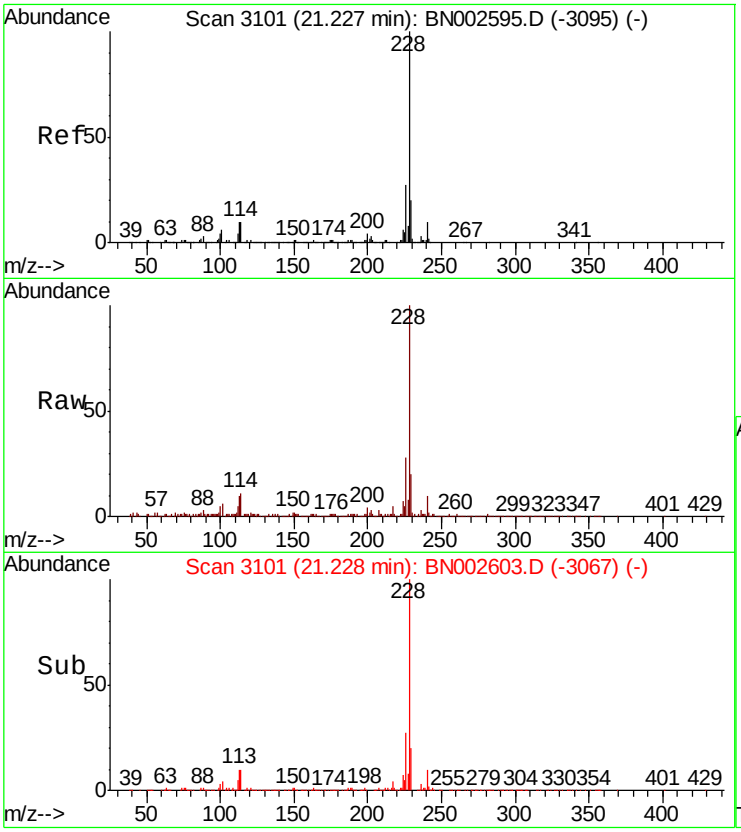


#79
Pyrene
Concen: 56.949 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Tgt Ion:202 Resp: 3547320

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.2	15.2
100	10.5	8.5	12.7



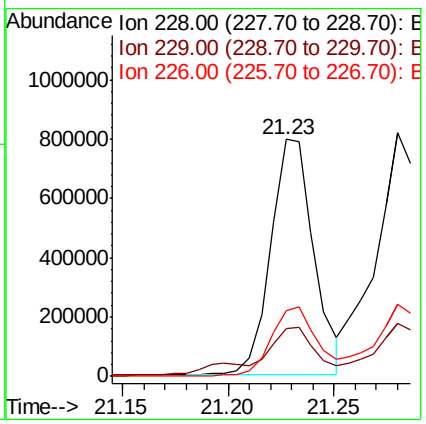


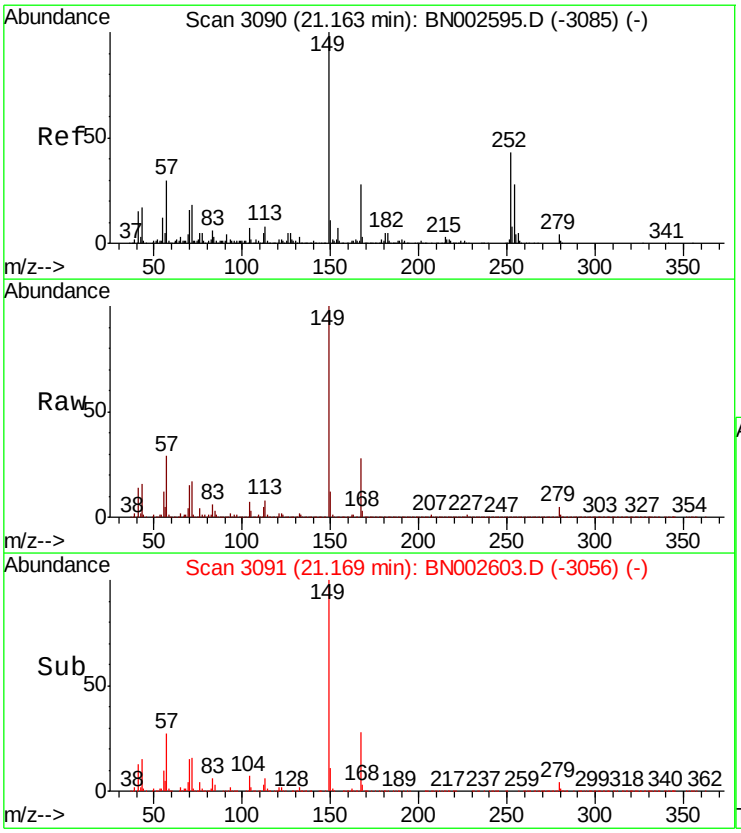
#82
Benzo(a)anthracene
Concen: 17.831 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1128452

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	27.8	21.8	32.6

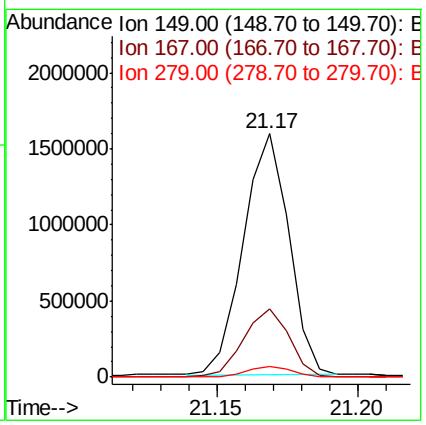


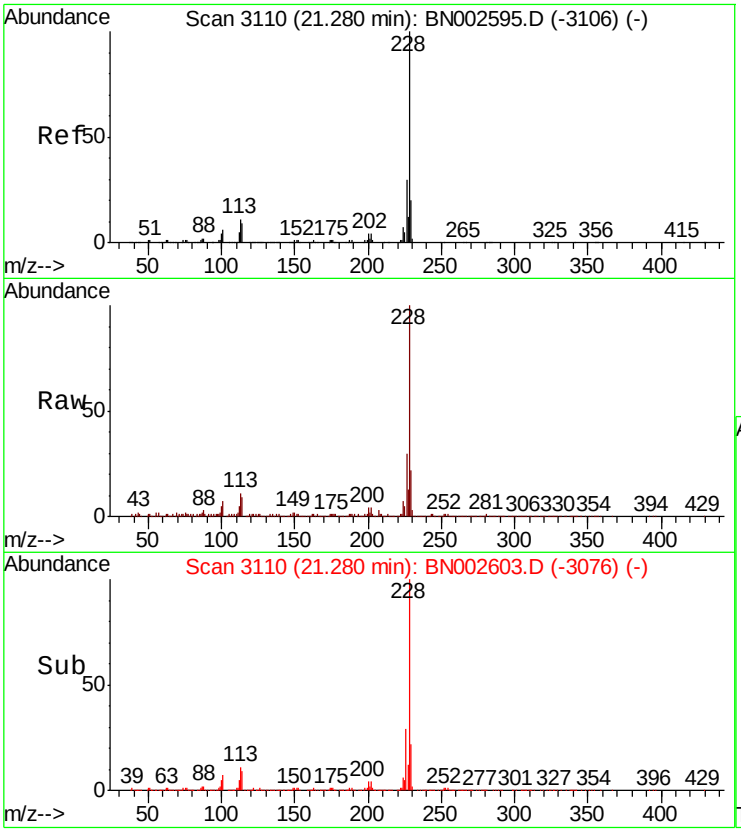


#83
Bis(2-ethylhexyl)phthalate
Concen: 44.804 ng/ul
RT: 21.17 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Tgt Ion:149 Resp: 1773629

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.6	32.4
279	4.5	3.0	4.4#



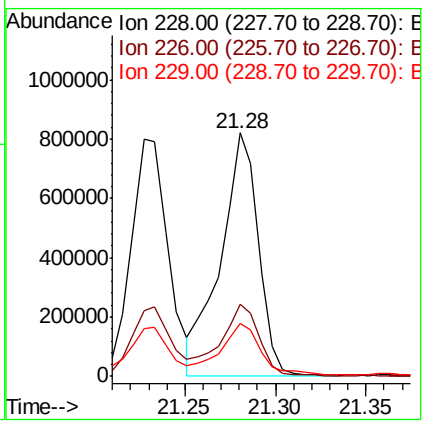


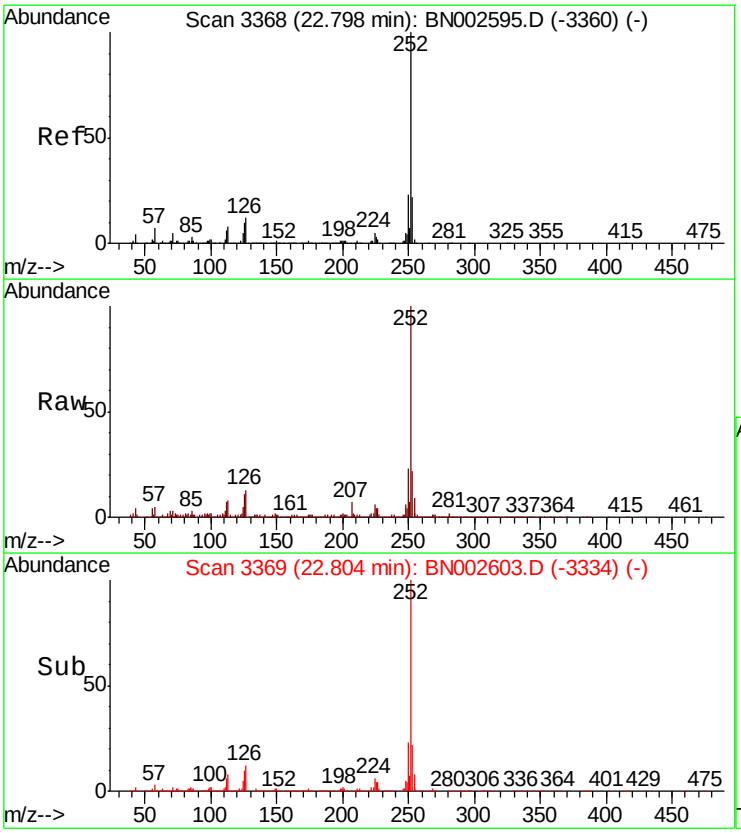
#84
Chrysene
Concen: 19.758 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1183482

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	21.9	15.6	23.4

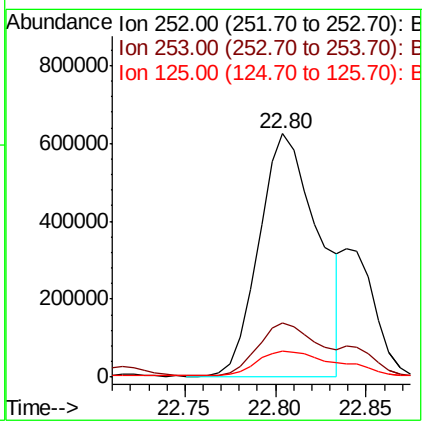


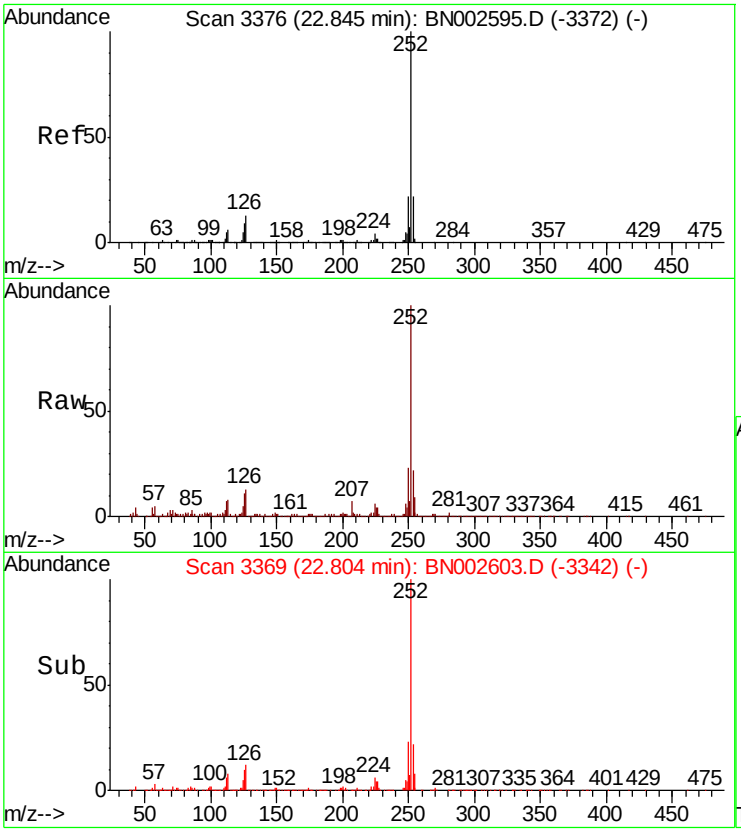


#87
Benzo(b)fluoranthene
Concen: 27.685 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Tgt Ion:252 Resp: 1419955

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.6	8.5	12.7



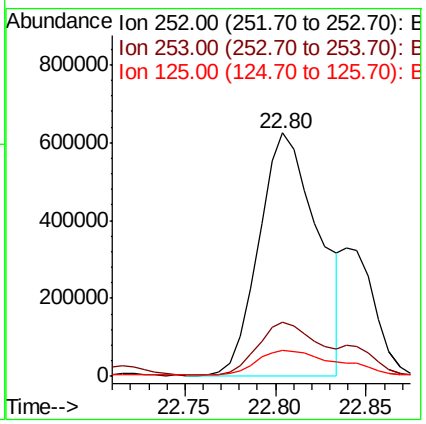


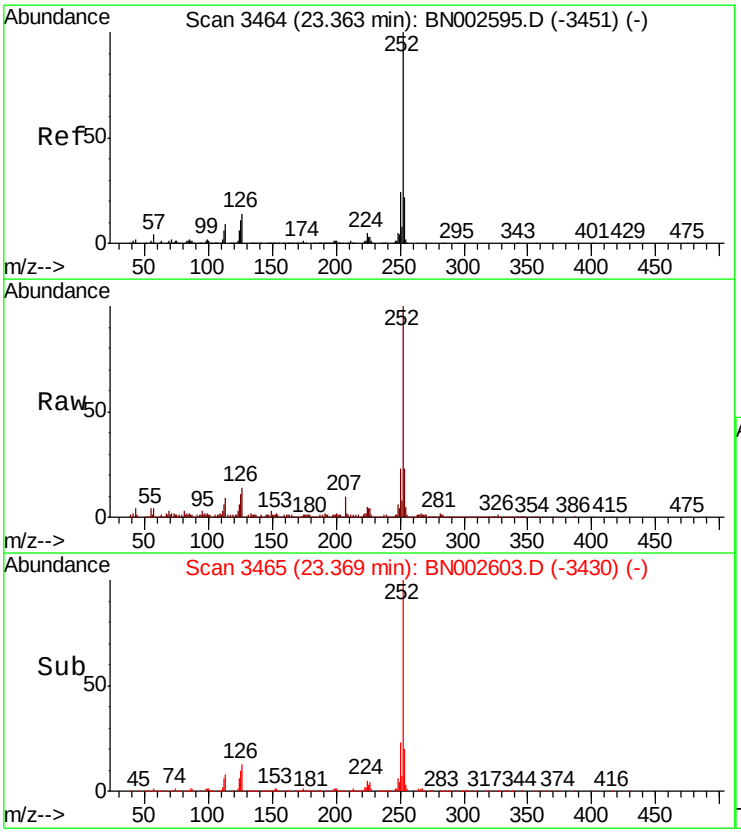
#88
Benzo(k)fluoranthene
Concen: 29.387 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. -0.04 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1419955

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	10.6	8.2	12.2

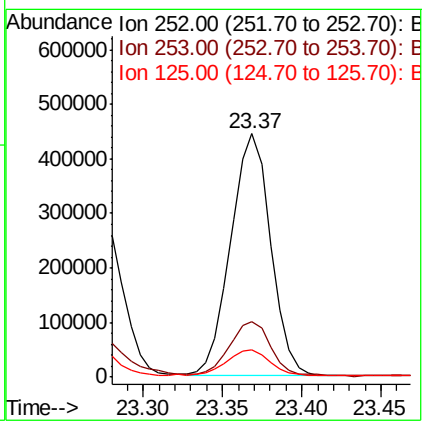


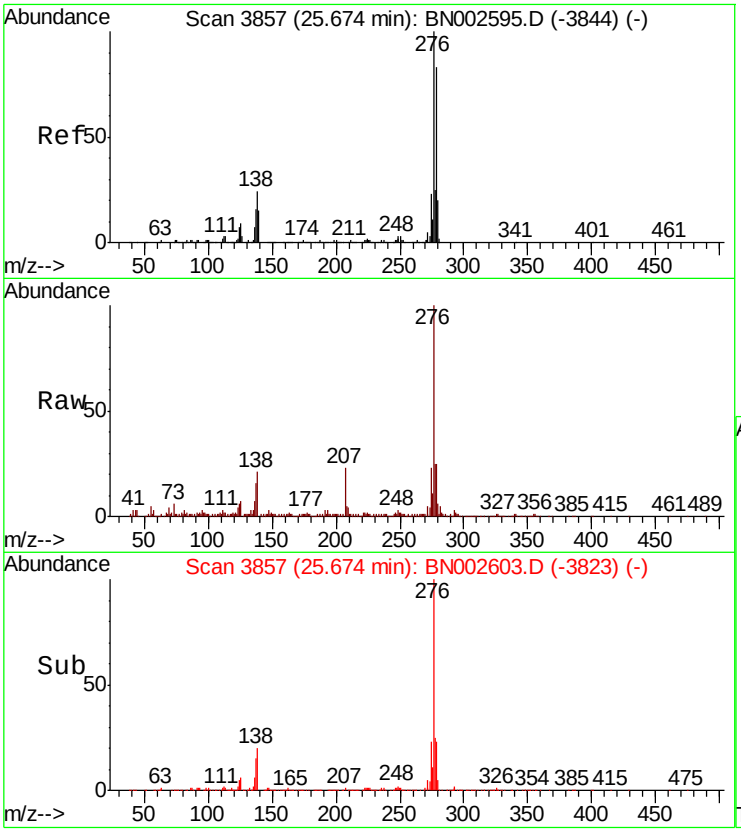


#90
Benzo(a)pyrene
Concen: 15.897 ng/ul
RT: 23.37 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Tgt Ion:252 Resp: 776689

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	11.1	9.0	13.6



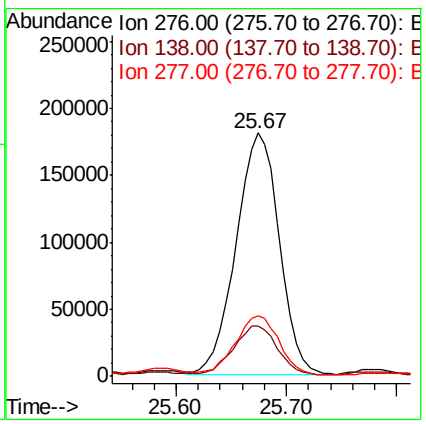


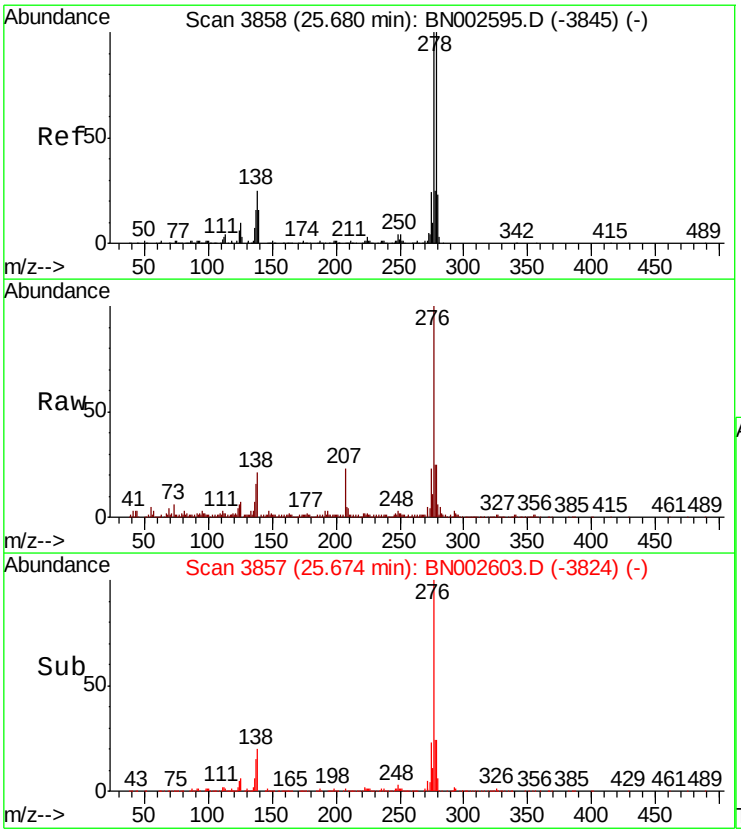
#91
Indeno(1,2,3-cd)pyrene
Concen: 8.487 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. 0.00 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 493273

Ion	Ratio	Lower	Upper
276	100		
138	20.7	22.3	33.5#
277	24.9	20.2	30.2

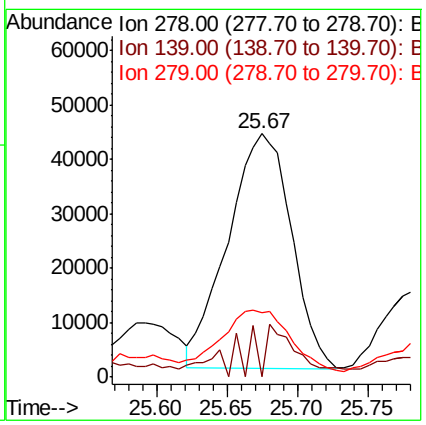


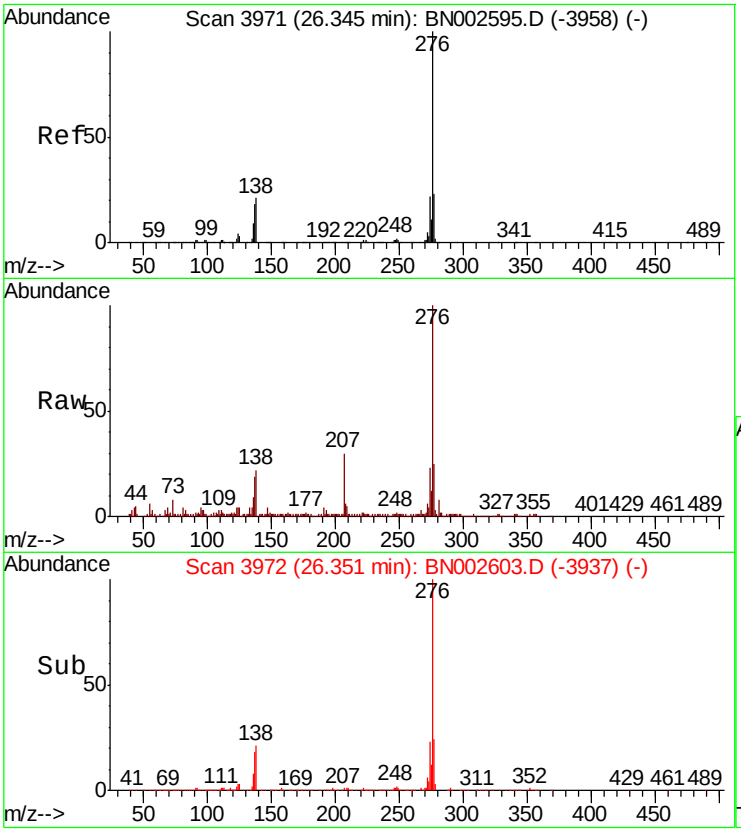


#92
Dibenzo(a,h)anthracene
Concen: 2.799 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. -0.01 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Tgt Ion:278 Resp: 135995

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	26.4	19.0	28.4





#93
Benzo(g,h,i)perylene
Concen: 9.022 ng/ul
RT: 26.35 min Scan# 3972
Delta R.T. 0.01 min
Lab File: BN002603.D
Acq: 06 Sep 2018 04:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 437566

Ion	Ratio	Lower	Upper
276	100		
138	21.6	18.9	28.3
277	24.9	19.2	28.8