Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005444.D
Acq On : 03 May 2019 08:14
Operator : JU/SJ
Sample : K2603-19 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ71

Manual Integrations APPROVED
mohammad
5/13/2019 10:25:57 AM

Quant Time: May 06 07:15:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	294489	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1255418	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	816616	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1779725	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1460074	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	1372205	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	517	0.08	ng/uL	0.00
5) Phenol-d5	6.77	99	16044	0.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	12001	0.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	13814	0.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	13441	0.74	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	6049m	0.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	6771	0.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	14601	0.81	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.64	166	62431	1.05	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	61507	0.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	9585	1.02	ng/ul	0.00
57) Fluorene-d10	15.23	176	52189	1.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	3468	0.43	ng/ul	-0.02
70) Anthracene-d10	17.09	188	72976	0.98	ng/ul	0.00
78) Pyrene-d10	19.39	212	76346	1.02	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	54038	0.90	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.80	94	28743	1.208	ng/ul	96
11) 2-Methylphenol	8.03	108	64356	3.610	ng/ul	92
16) 4-Methylphenol	8.36	108	80798	4.197	ng/ul	100
24) 2,4-Dimethylphenol	9.57	107	85629m	3.853	ng/ul	
28) Naphthalene	10.41	128	23326687m	399.687	ng/ul	
34) 2-Methylnaphthalene	12.05	142	19306830	451.795	ng/ul	96
40) 1,1'-Biphenyl	13.05	154	2107104	34.630	ng/ul	99
47) Acenaphthylene	13.95	152	7393267	103.327	ng/ul#	95
49) Acenaphthene	14.29	153	1008366	20.643	ng/ul	99
53) Dibenzofuran	14.63	168	1930465	27.449	ng/ul	98
58) Fluorene	15.29	166	5077653	92.524	ng/ul	97
69) Phenanthrene	17.03	178	17264882m	199.190	ng/ul	
71) Anthracene	17.12	178	4728050	53.548	ng/ul	99
74) Carbazole	17.39	167	523220	6.898	ng/ul	96
76) Fluoranthene	19.06	202	8114060	84.399	ng/ul	97
79) Pyrene	19.43	202	11007680	117.091	ng/ul	95
82) Benzo(a)anthracene	21.20	228	3613155m	39.779	ng/ul	
84) Chrysene	21.25	228	3075206	36.479	ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	2319246	30.067	ng/ul	99
88) Benzo(k)fluoranthene	22.79	252	633816m	8.604	ng/ul	
90) Benzo(a)pyrene	23.32	252	2206062	30.427	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.59	276	869728	10.850	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.59	278	254181	3.736	ng/ul	95

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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(g,h,i)perylene	26.25	276	815993	12.311	ng/ul	96

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

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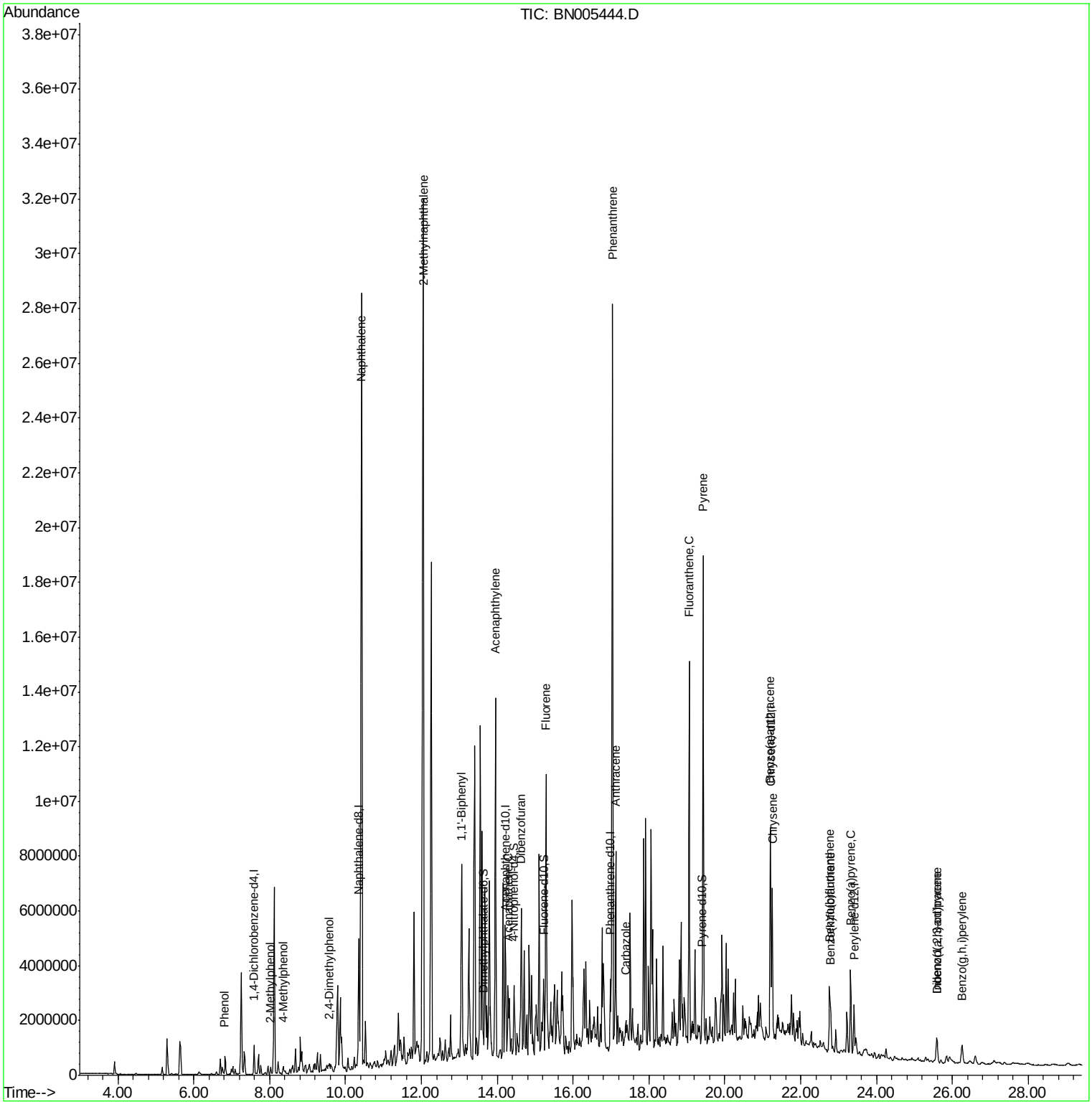
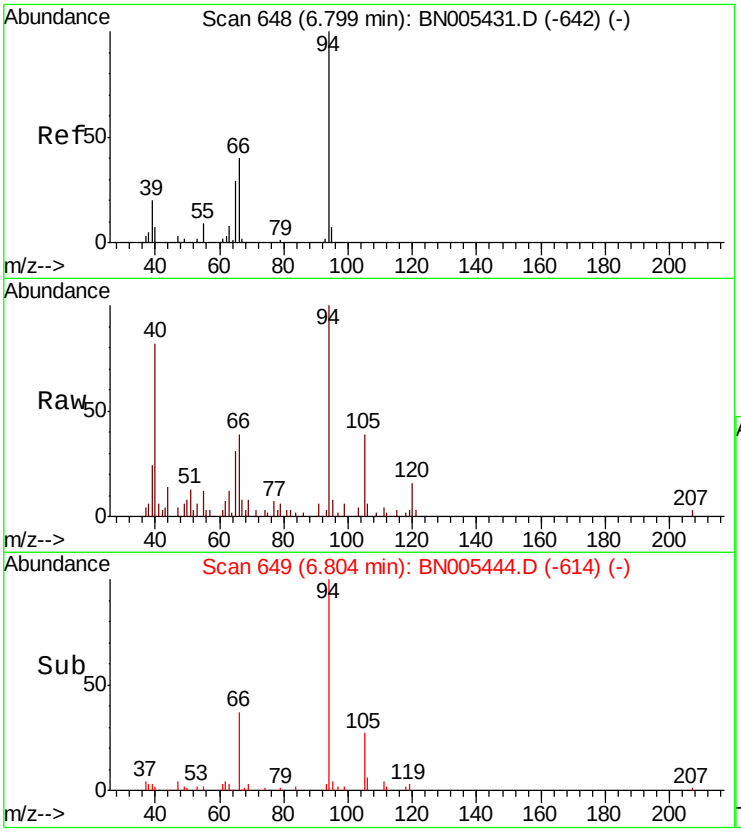
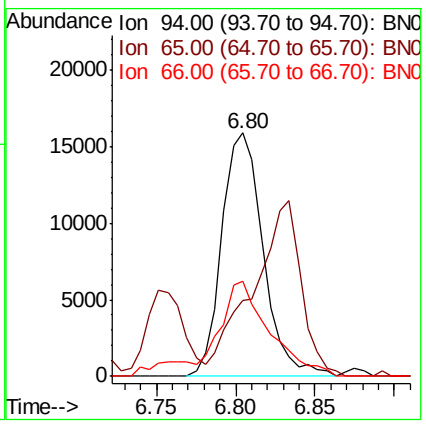




#6
Phenol
Concen: 1.208 ng/ul
RT: 6.80 min Scan# 649
Delta R.T. 0.01 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion: 94 Resp: 28743

Ion	Ratio	Lower	Upper
94	100		
65	31.2	24.2	36.4
66	38.8	33.8	50.6



Instrument :
BNA_N
ClientSampleId :
GAJ71

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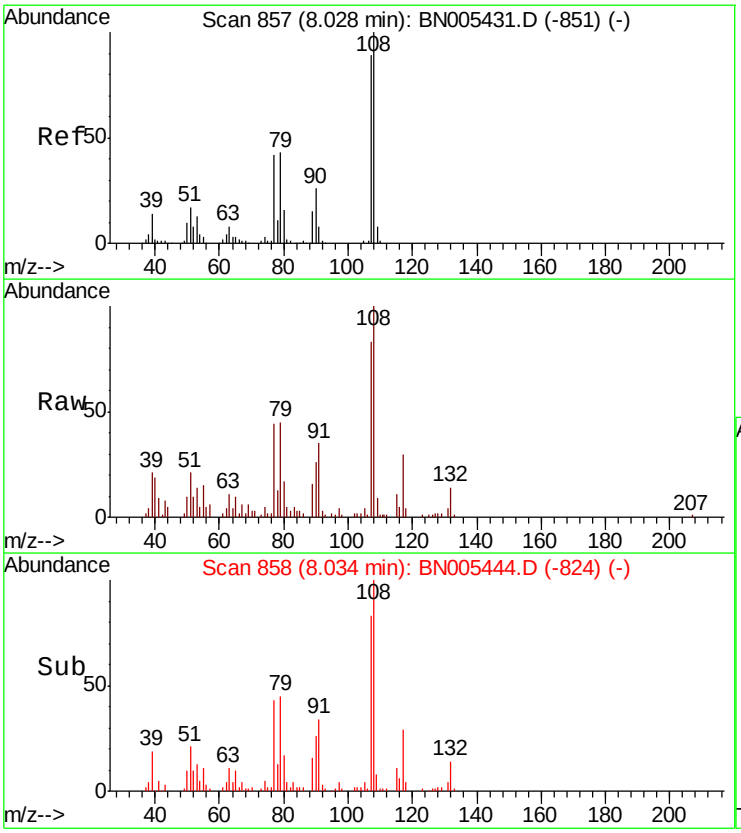
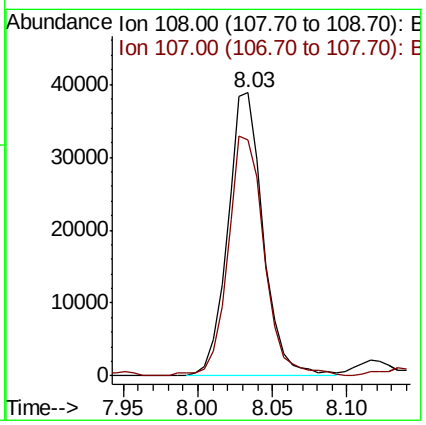
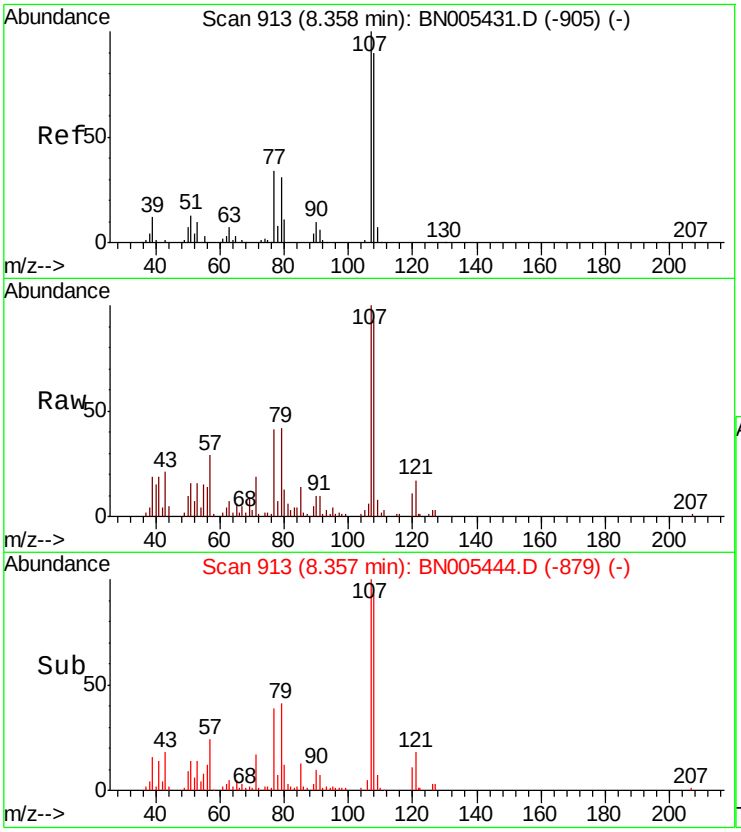


#11
2-Methylphenol
Concen: 3.610 ng/ul
RT: 8.03 min Scan# 858
Delta R.T. -0.00 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:108 Resp: 64356

Ion	Ratio	Lower	Upper
108	100		
107	83.4	72.9	109.3





#16
4-Methylphenol
Concen: 4.197 ng/ul
RT: 8.36 min Scan# 913
Delta R.T. -0.00 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:108 Resp: 80798

Ion	Ratio	Lower	Upper
108	100		
107	107.9	86.1	129.1

Instrument :
BNA_N
ClientSampleId :
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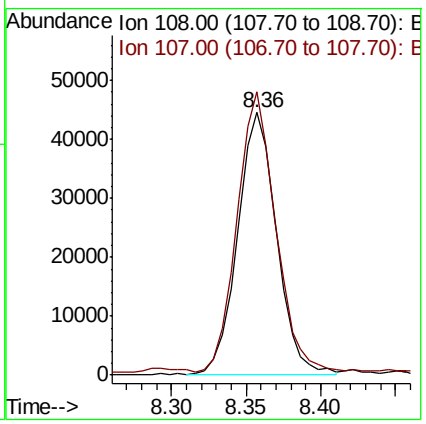
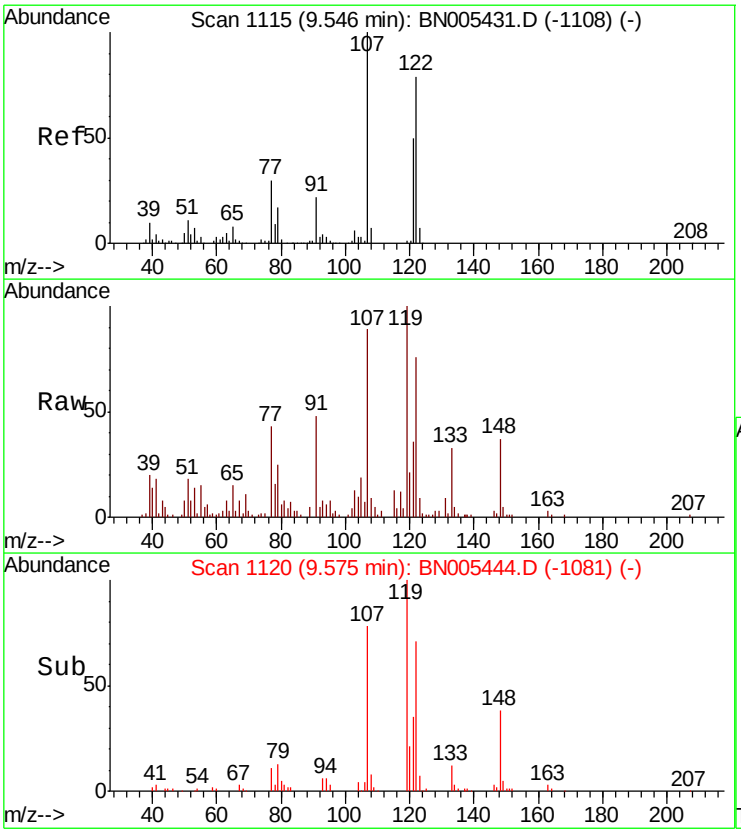
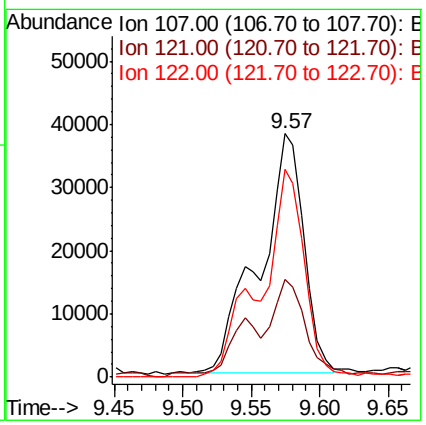


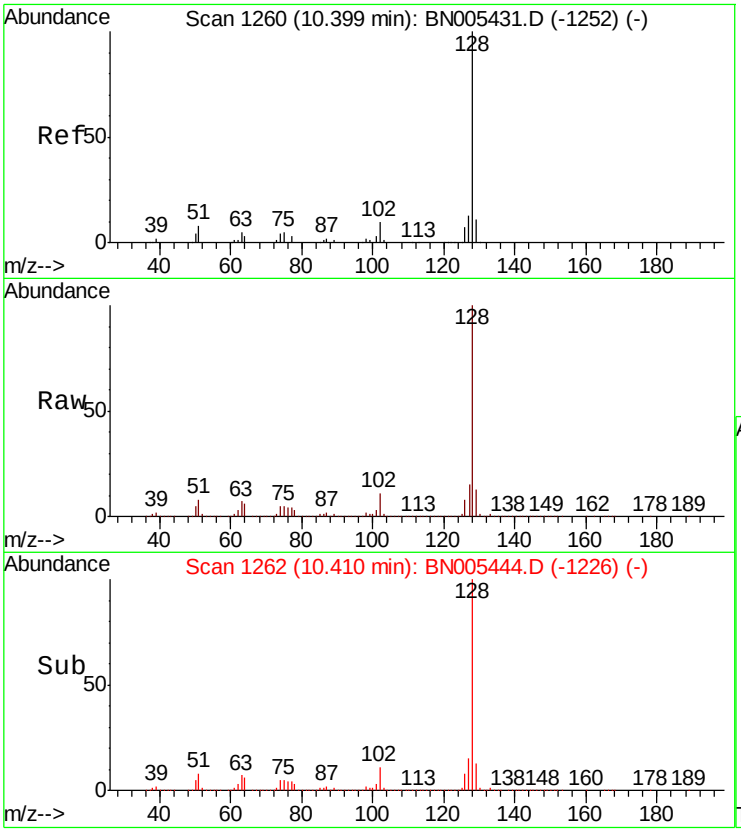


#24
2,4-Dimethylphenol
Concen: 3.853 ng/ul m
RT: 9.57 min Scan# 1120
Delta R.T. 0.03 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:107 Resp: 85629

Ion	Ratio	Lower	Upper
107	100		
121	40.3	37.8	56.8
122	85.4	65.0	97.4

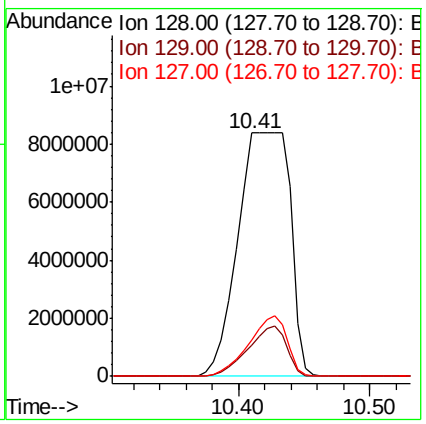




#28
Naphthalene
Concen: 399.687 ng/ul m
RT: 10.41 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:128 Resp:23326687

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.2	13.8
127	14.8	10.7	16.1



Instrument :
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ClientSampleId :
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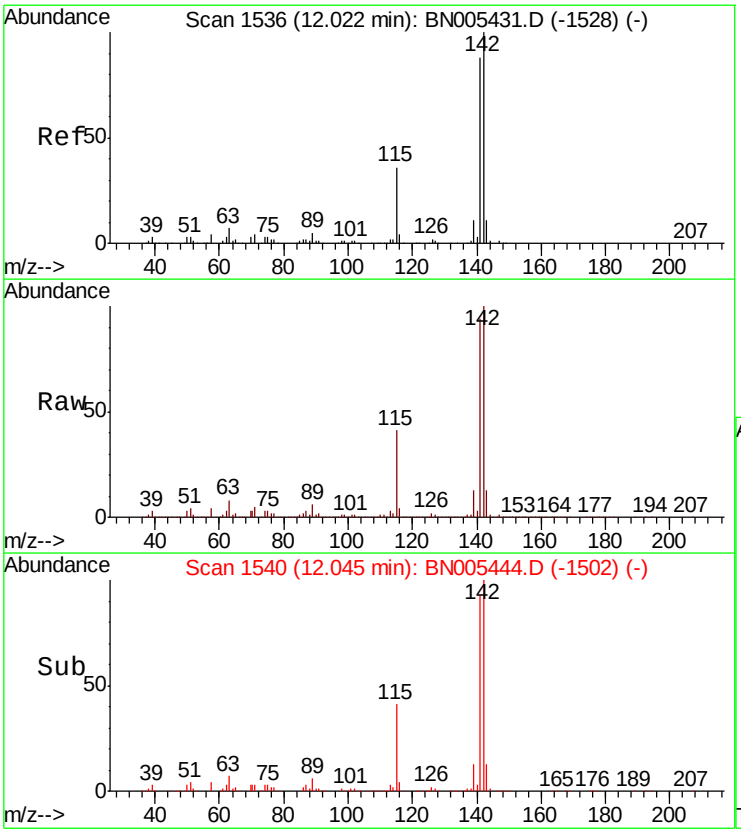
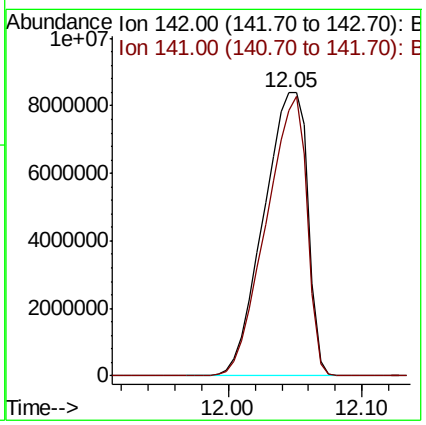
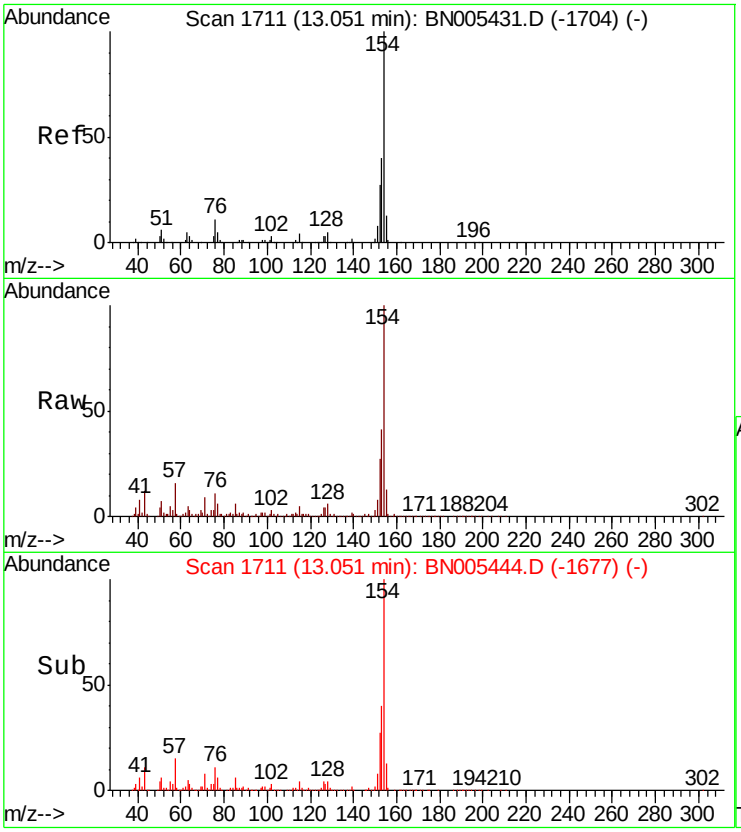


#34
2-Methylnaphthalene
Concen: 451.795 ng/ul
RT: 12.05 min Scan# 1540
Delta R.T. 0.02 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:142 Resp:19306830

Ion	Ratio	Lower	Upper
142	100		
141	93.6	72.0	108.0

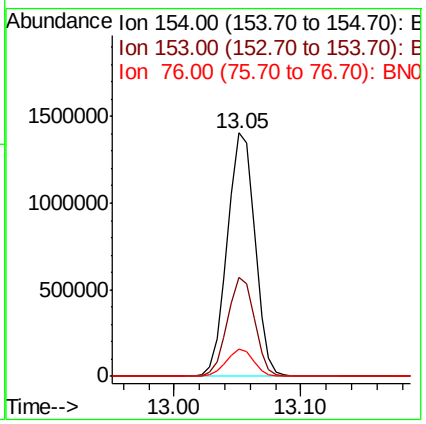




#40
1,1'-Biphenyl
Concen: 34.630 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:154 Resp: 2107104

Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.6	49.0
76	11.1	10.4	15.6



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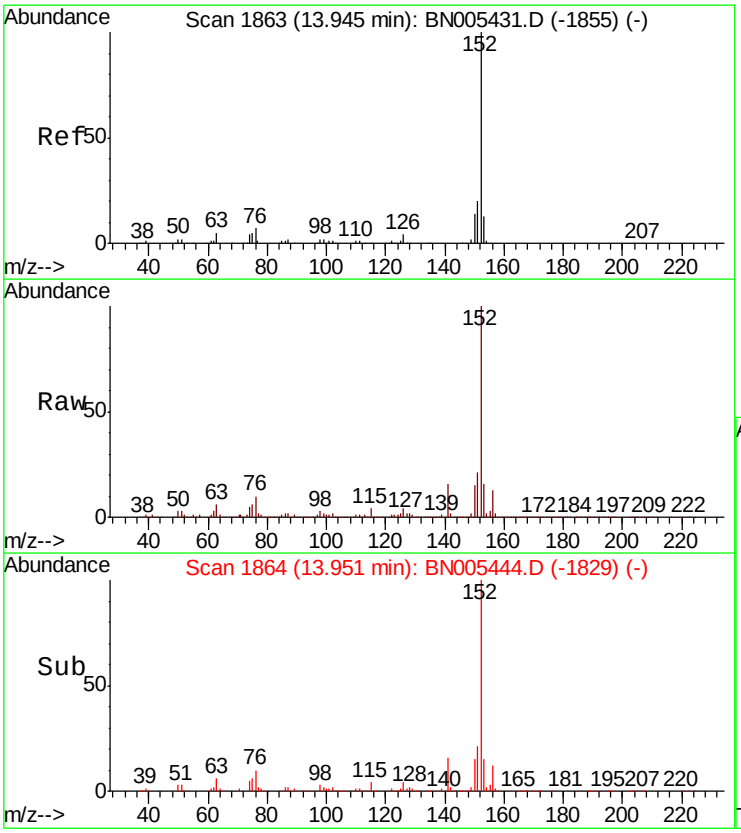
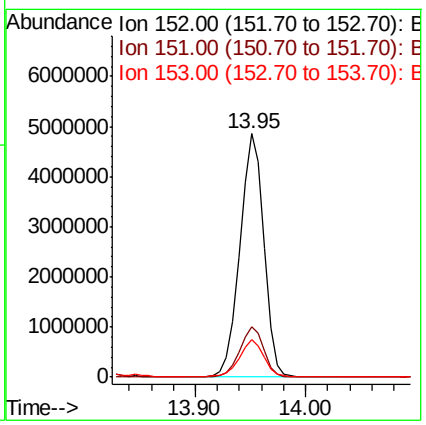
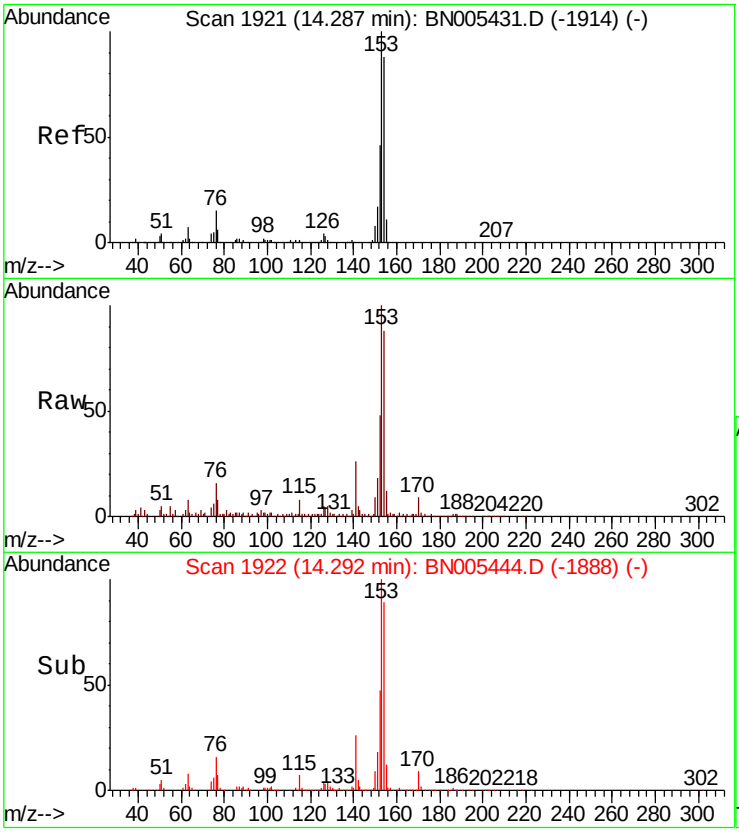


#47
Acenaphthylene
Concen: 103.327 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. 0.01 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:152 Resp: 7393267

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.8	23.8
153	15.5	9.8	14.8#

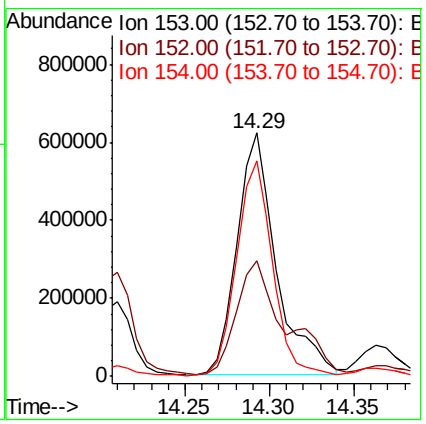




#49
Acenaphthene
Concen: 20.643 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:153 Resp: 1008366

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.4	56.0
154	88.3	71.2	106.8



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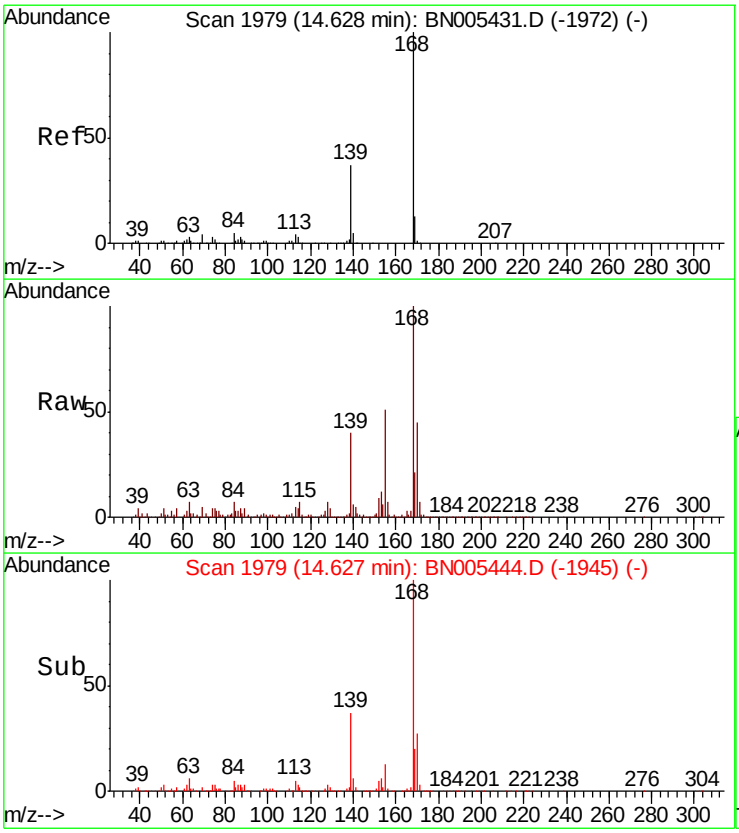
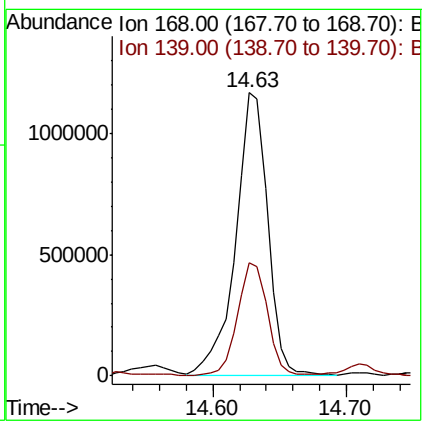
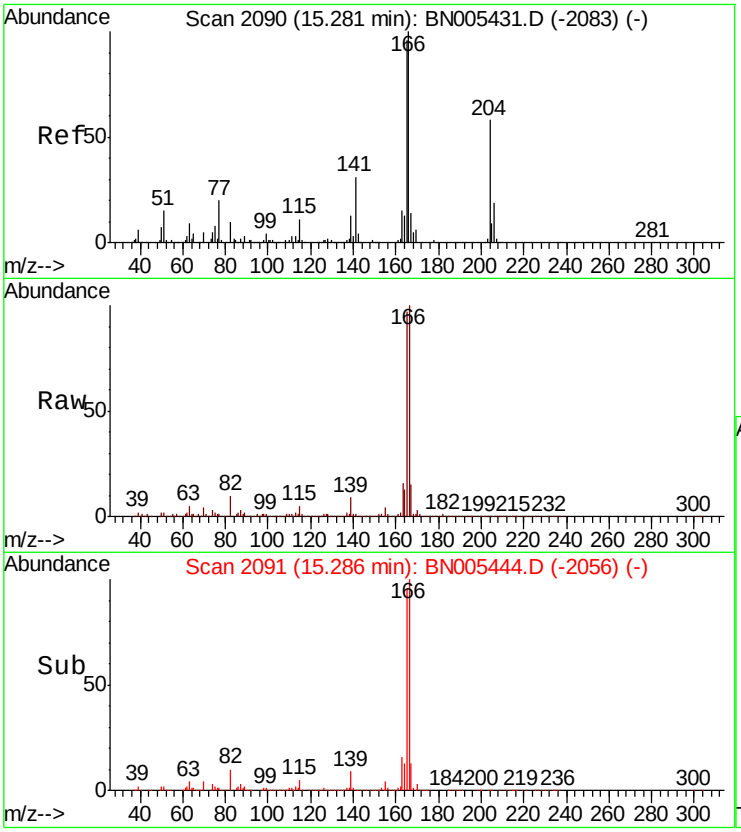


#53
Dibenzofuran
Concen: 27.449 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:168 Resp: 1930465

Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.9	46.3

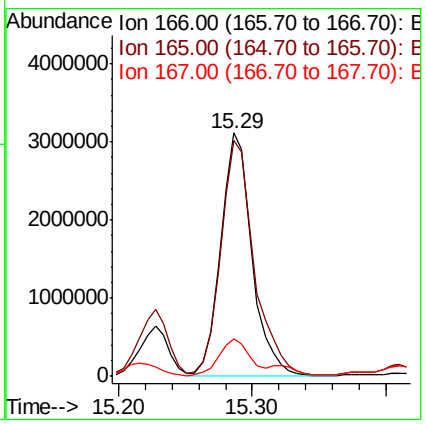




#58
Fluorene
Concen: 92.524 ng/ul
RT: 15.29 min Scan# 2091
Delta R.T. 0.01 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:166 Resp: 5077653

Ion	Ratio	Lower	Upper
166	100		
165	96.9	80.0	120.0
167	15.2	10.7	16.1



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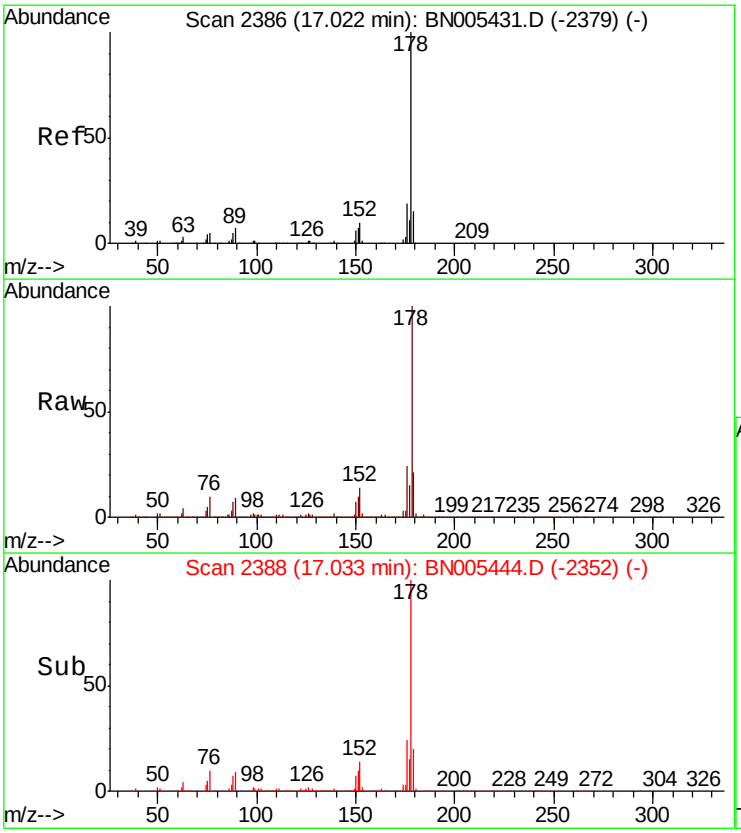
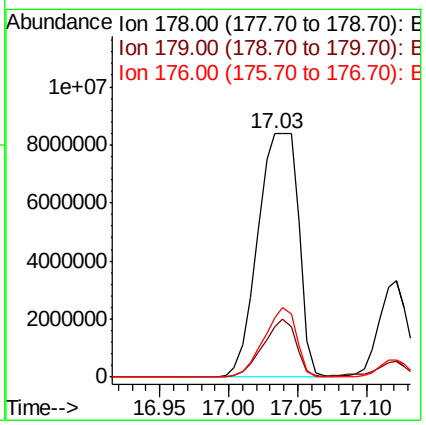
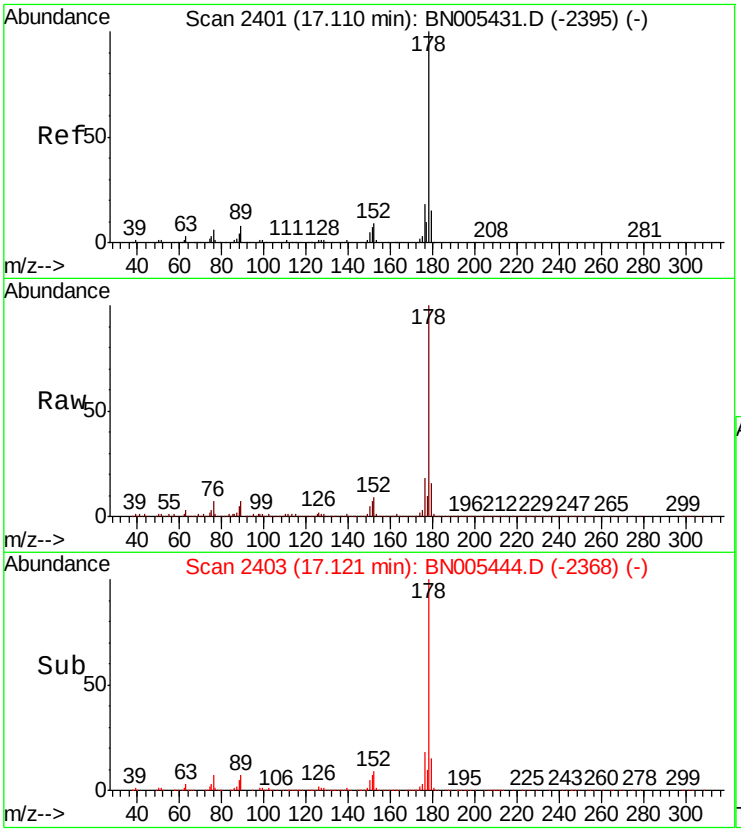


#69
Phenanthrene
Concen: 199.190 ng/ul m
RT: 17.03 min Scan# 2388
Delta R.T. 0.01 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:178 Resp:17264882

Ion	Ratio	Lower	Upper
178	100		
179	20.6	12.2	18.4#
176	24.2	15.1	22.7#

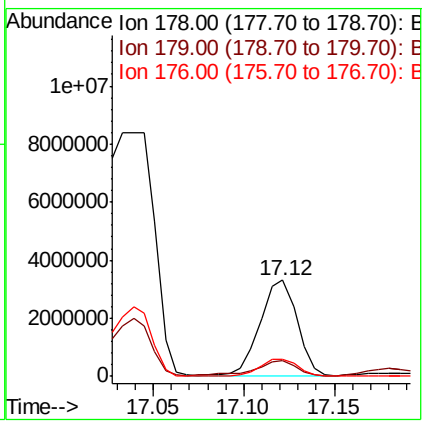




#71
Anthracene
Concen: 53.548 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. 0.01 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:178 Resp: 4728050

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.4	15.1	22.7



Instrument :
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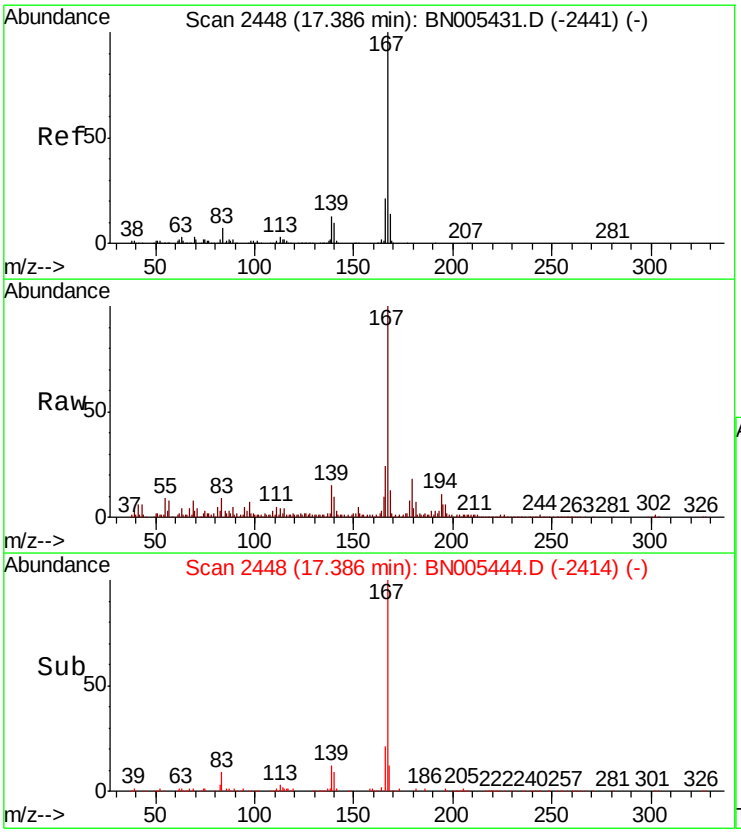
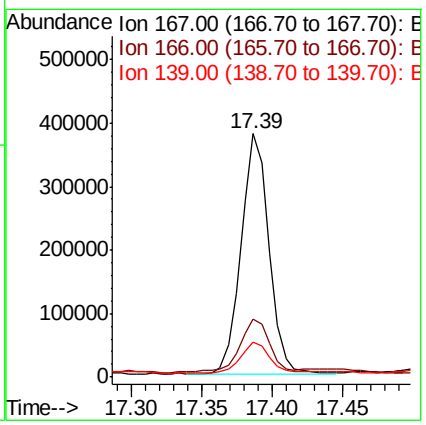
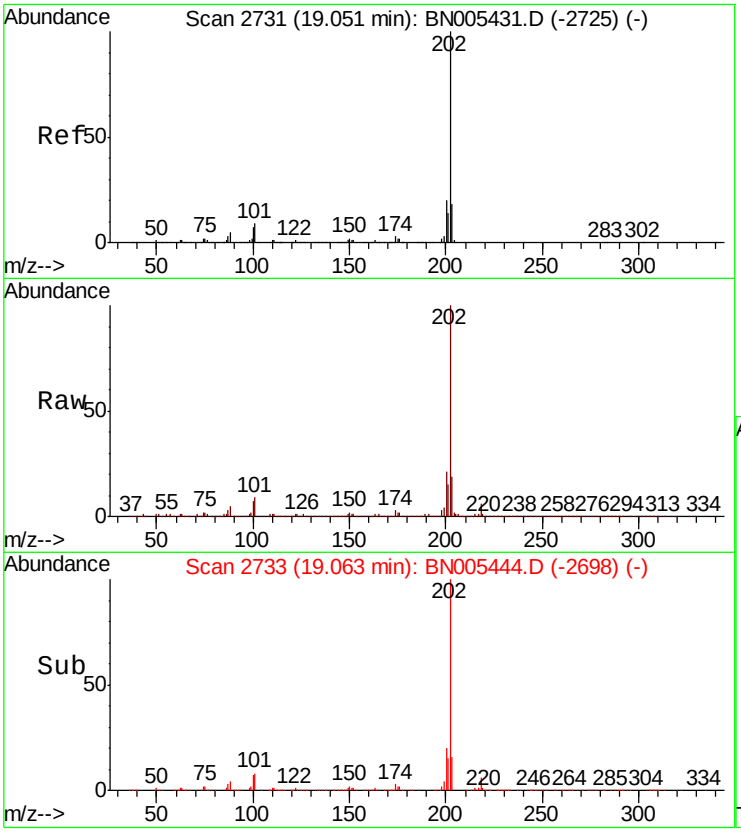


#74
Carbazole
Concen: 6.898 ng/ul
RT: 17.39 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:167 Resp: 523220

Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.2	25.8
139	14.6	10.6	16.0

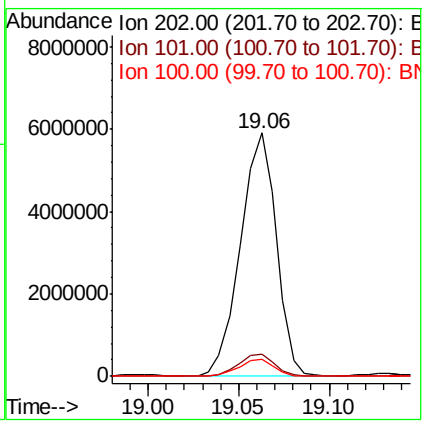




#76
Fluoranthene
Concen: 84.399 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.01 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:202 Resp: 8114060

Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.6	12.8
100	6.9	6.3	9.5



Instrument :
BNA_N
ClientSampleId :
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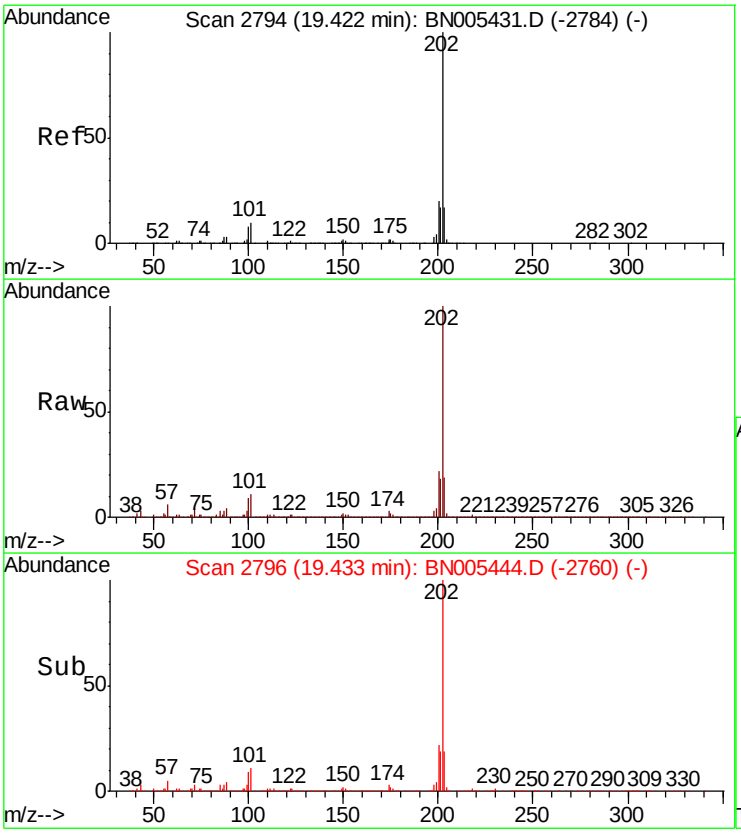
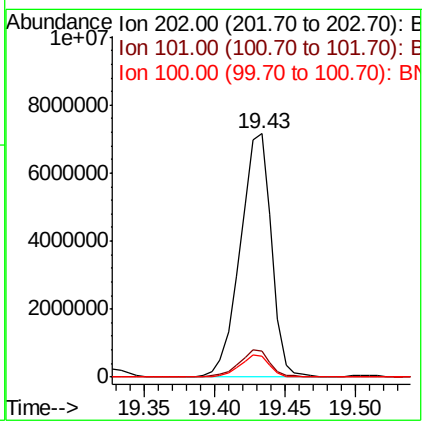
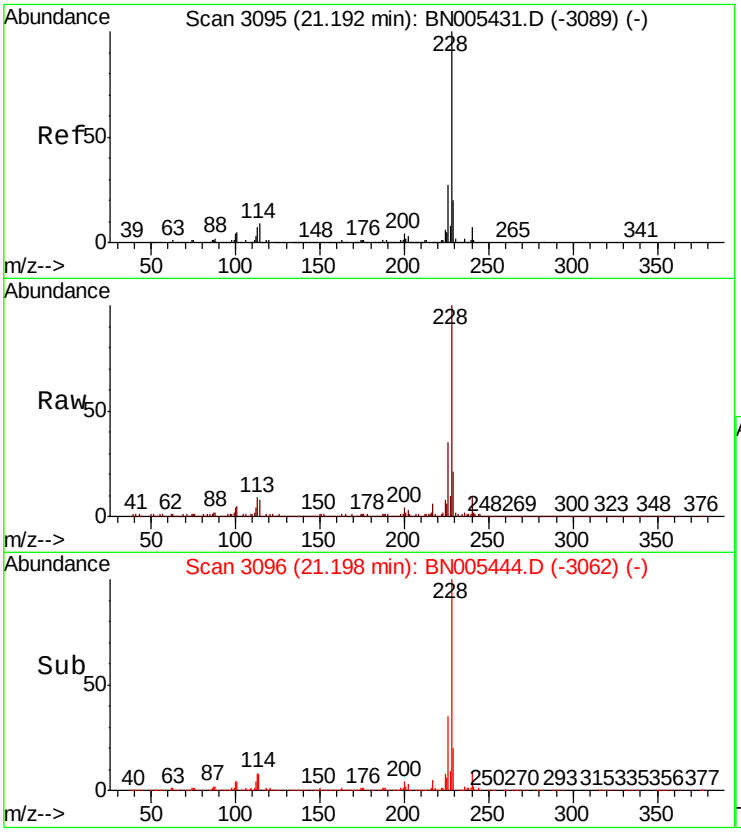


#79
Pyrene
Concen: 117.091 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:202 Resp:11007680

Ion	Ratio	Lower	Upper
202	100		
101	10.6	10.3	15.5
100	8.8	7.9	11.9

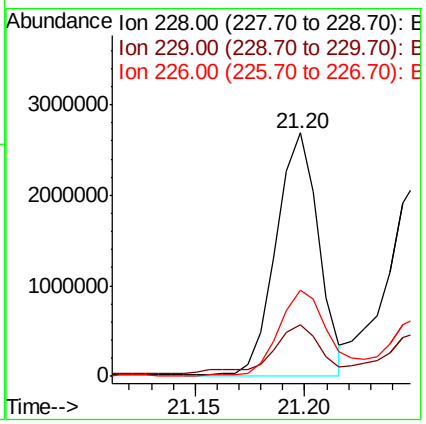




#82
Benzo(a)anthracene
Concen: 39.779 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:228 Resp: 3613155

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.6
226	35.3	21.4	32.2#



Instrument :
BNA_N
ClientSampleId :
GAJ71

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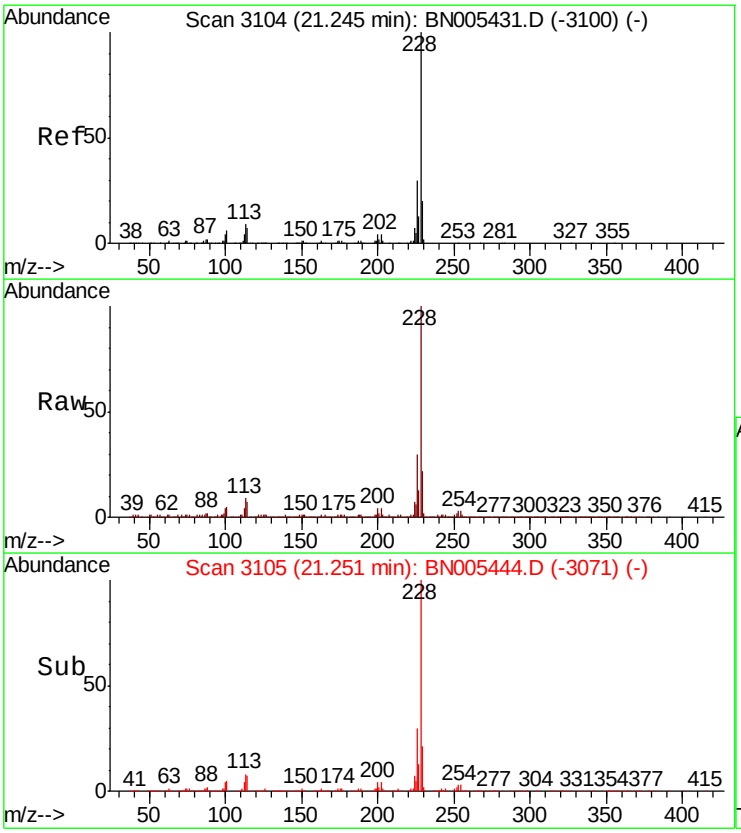
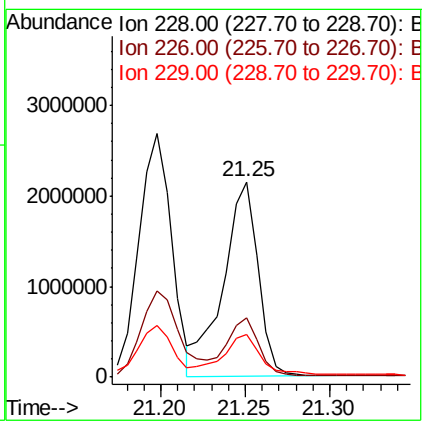
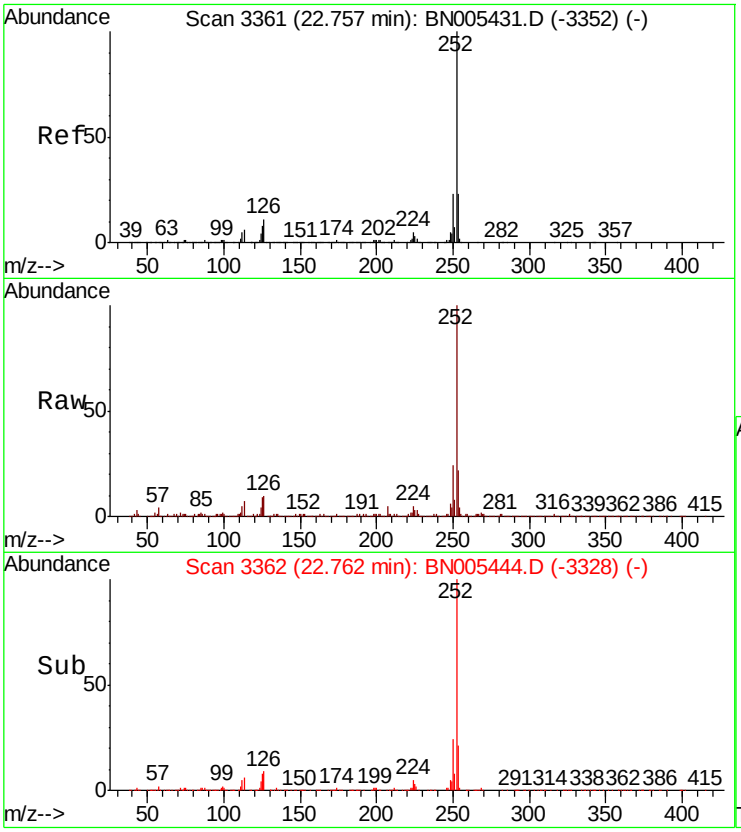


#84
Chrysene
Concen: 36.479 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:228 Resp: 3075206

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	21.6	15.4	23.0

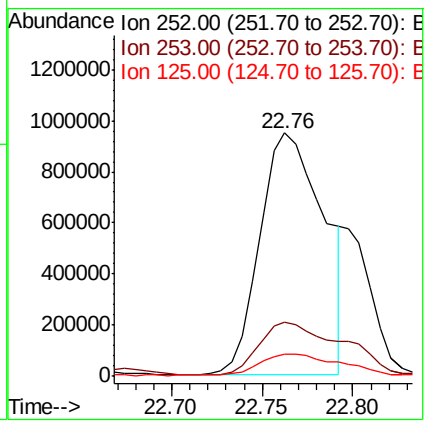




#87
Benzo(b)fluoranthene
Concen: 30.067 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.00 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:252 Resp: 2319246

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	8.9	8.4	12.6



Instrument :
BNA_N
ClientSampleId :
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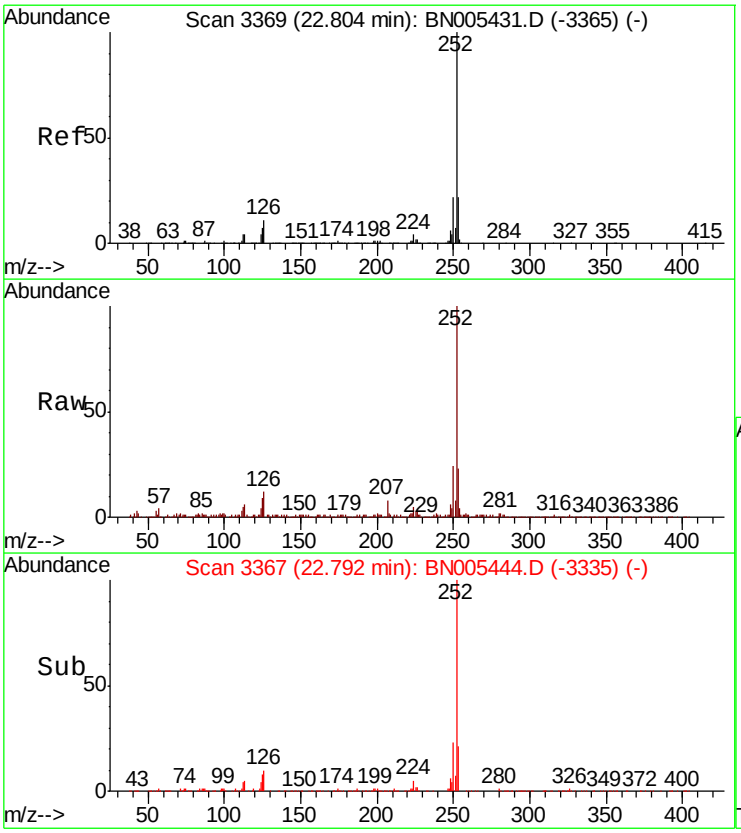
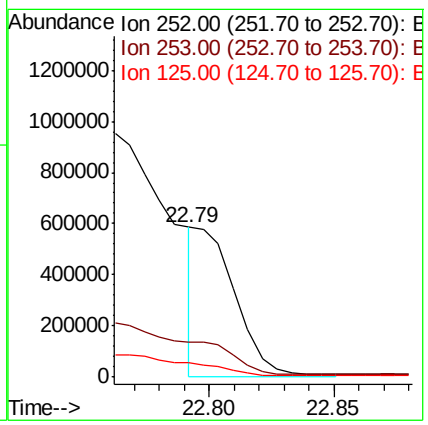
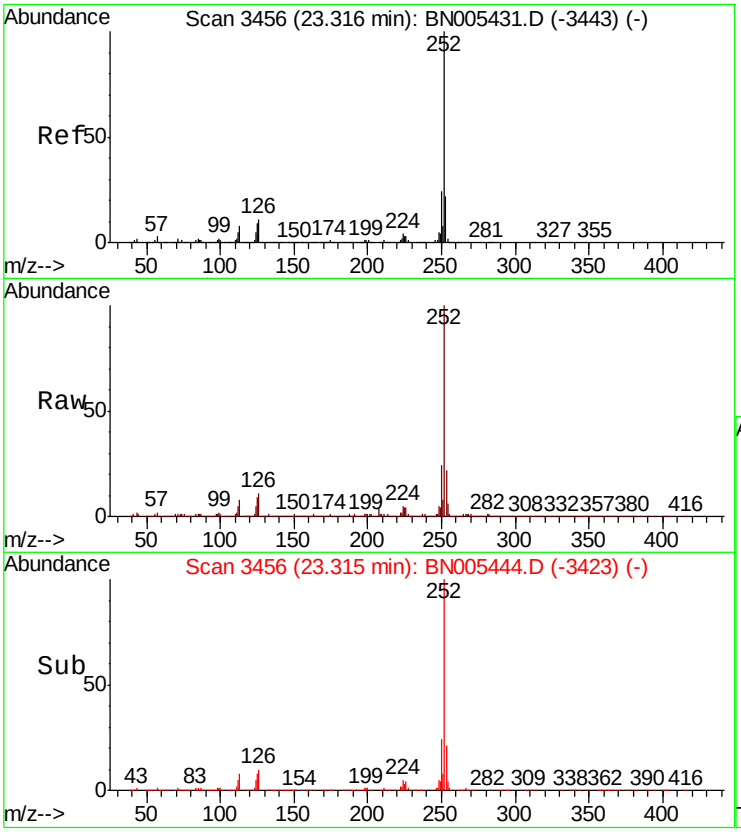


#88
Benzo(k)fluoranthene
Concen: 8.604 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:252 Resp: 633816

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	9.4	7.5	11.3





#90
Benzo(a)pyrene
Concen: 30.427 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:252 Resp: 2206062

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	8.7	8.6	13.0

Instrument :
BNA_N
ClientSampleId :
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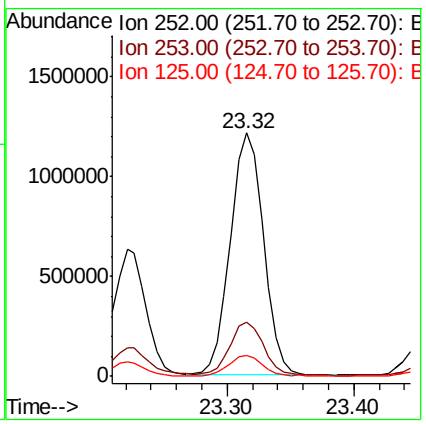
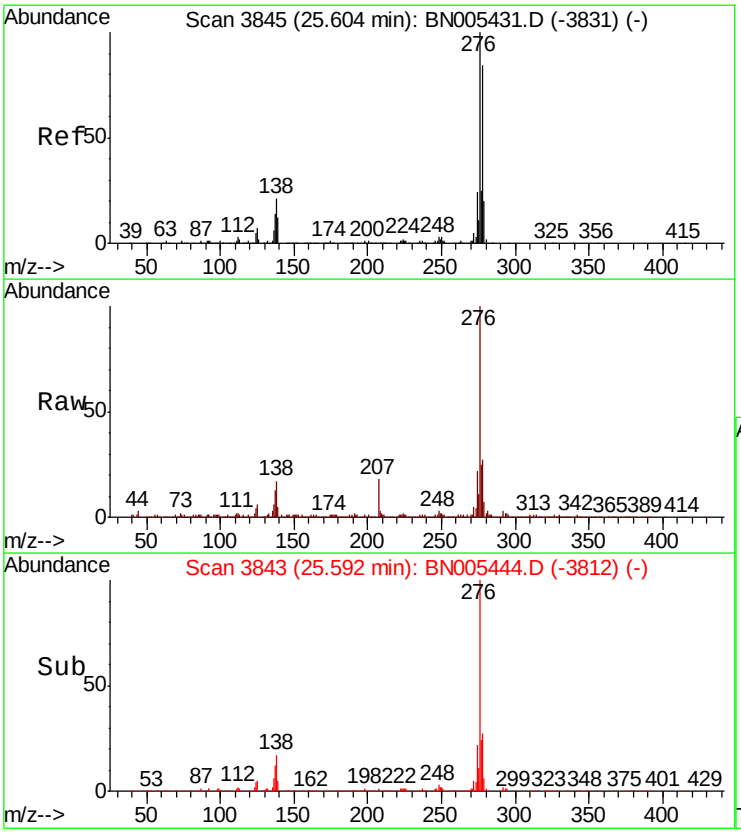
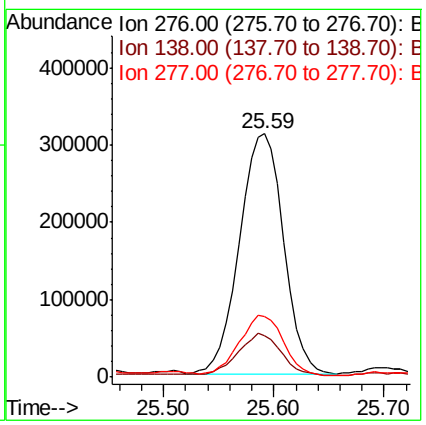


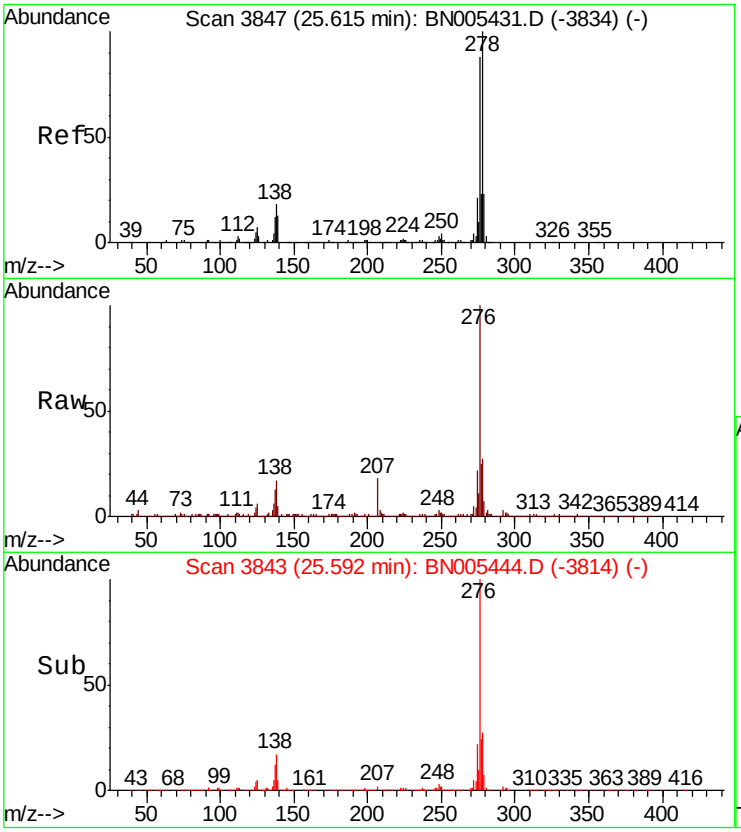


#91
Indeno(1,2,3-cd)pyrene
Concen: 10.850 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.02 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:276 Resp: 869728

Ion	Ratio	Lower	Upper
276	100		
138	17.1	17.9	26.9#
277	24.8	19.7	29.5

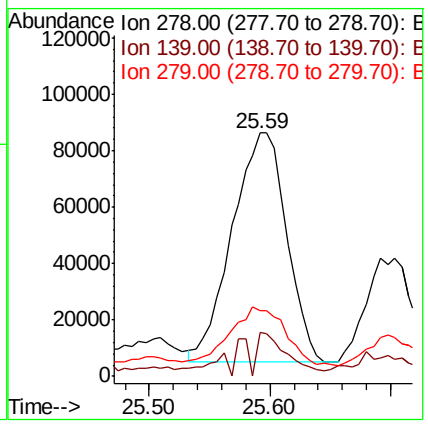




#92
Dibenzo(a,h)anthracene
Concen: 3.736 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.03 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:278 Resp: 254181

Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.1	19.7
279	26.9	19.4	29.0



Instrument :
BNA_N
ClientSampleId :
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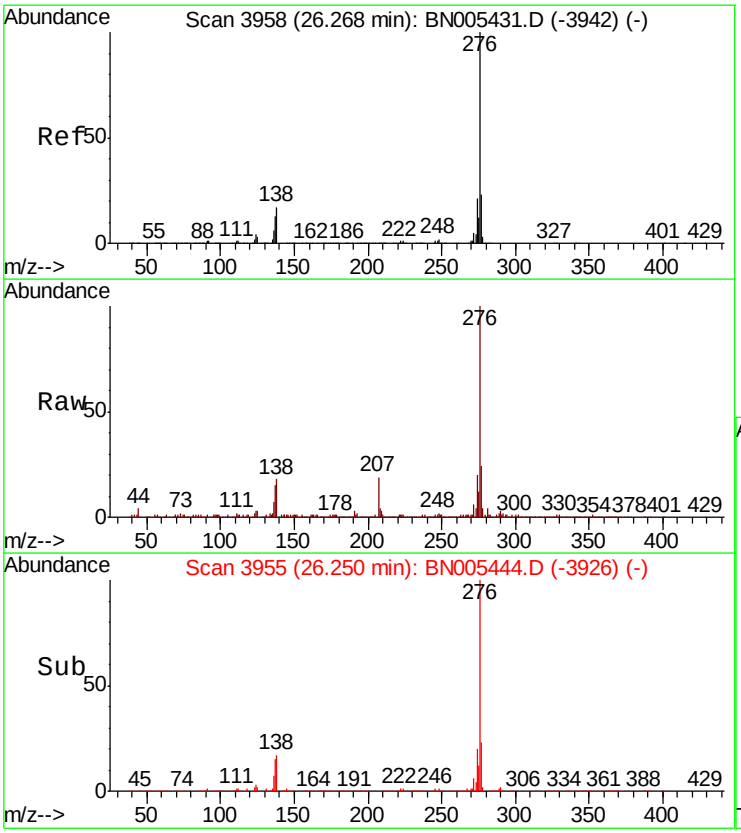

#93
Benzo(g,h,i)perylene
Concen: 12.311 ng/ul
RT: 26.25 min Scan# 3955
Delta R.T. -0.03 min
Lab File: BN005444.D
Acq: 03 May 2019 08:14

Tgt Ion:276 Resp: 815993

Ion	Ratio	Lower	Upper
276	100		
138	17.7	16.7	25.1
277	23.6	18.2	27.2