Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009705.D
Acq On : 11 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-05ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT62ME

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Quant Time: Feb 12 01:48:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 12 00:52:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	142341	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	590036	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	371363	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	739117	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	705783	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	702884	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	12070	3.48	ng/uL	0.00
5) Phenol-d5	6.62	99	260246	20.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	183113	21.96	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	201763	22.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	217921	22.04	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	100954	23.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	114143	23.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	210248	22.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	262782	26.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	634084	23.39	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	783818	23.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	98164	19.17	ng/ul	0.00
57) Fluorene-d10	15.07	176	581179	24.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	84262	18.25	ng/ul	0.01
70) Anthracene-d10	16.93	188	867543	25.83	ng/ul	0.00
78) Pyrene-d10	19.23	212	935601	25.22	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	934474	27.00	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.24	105	32873	2.078	ng/ul	93
28) Naphthalene	10.23	128	22782383m	712.013	ng/ul	
34) 2-Methylnaphthalene	11.86	142	9170598	409.548	ng/ul	98
40) 1,1'-Biphenyl	12.89	154	1820831	62.974	ng/ul	98
44) Dimethylphthalate	13.54	163	68114	2.368	ng/ul	99
47) Acenaphthylene	13.79	152	7907911	220.604	ng/ul	99
49) Acenaphthene	14.13	153	466968	19.162	ng/ul	100
53) Dibenzofuran	14.47	168	642350	18.929	ng/ul	96
58) Fluorene	15.13	166	3387671	119.452	ng/ul	97
69) Phenanthrene	16.88	178	16609309m	394.043	ng/ul	
71) Anthracene	16.96	178	2364100	55.276	ng/ul	99
74) Carbazole	17.23	167	62628	1.682	ng/ul#	89
76) Fluoranthene	18.90	202	7618345	158.360	ng/ul	98
79) Pyrene	19.27	202	10197916	197.933	ng/ul	96
82) Benzo(a)anthracene	21.03	228	3525203m	72.341	ng/ul	
84) Chrysene	21.08	228	3131152	64.543	ng/ul	98
87) Benzo(b)fluoranthene	22.55	252	2663244m	60.561	ng/ul	
88) Benzo(k)fluoranthene	22.57	252	674514m	15.575	ng/ul	
90) Benzo(a)pyrene	23.07	252	2035828	49.966	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.22	276	1162943	24.007	ng/ul	94
92) Dibenzo(a,h)anthracene	25.22	278	367702	9.018	ng/ul#	82
93) Benzo(g,h,i)perylene	25.85	276	1116675	27.505	ng/ul	97

Quantitation Report (LSC Reviewed)

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Operator : CG/JU
Sample : L1324-05ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 12 01:48:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 12 00:52:44 2020
Response via : Initial Calibration

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (LSC Reviewed)

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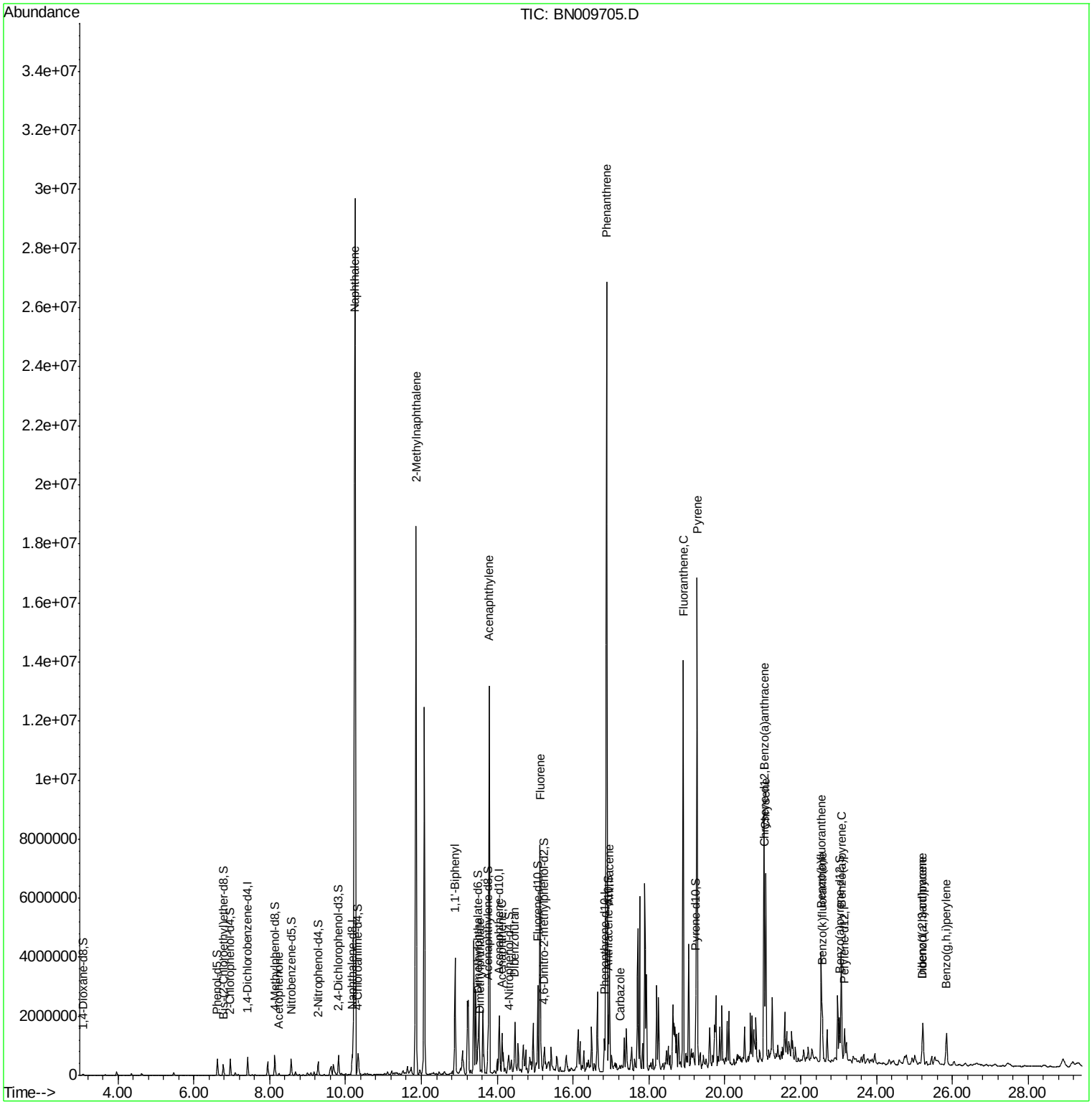
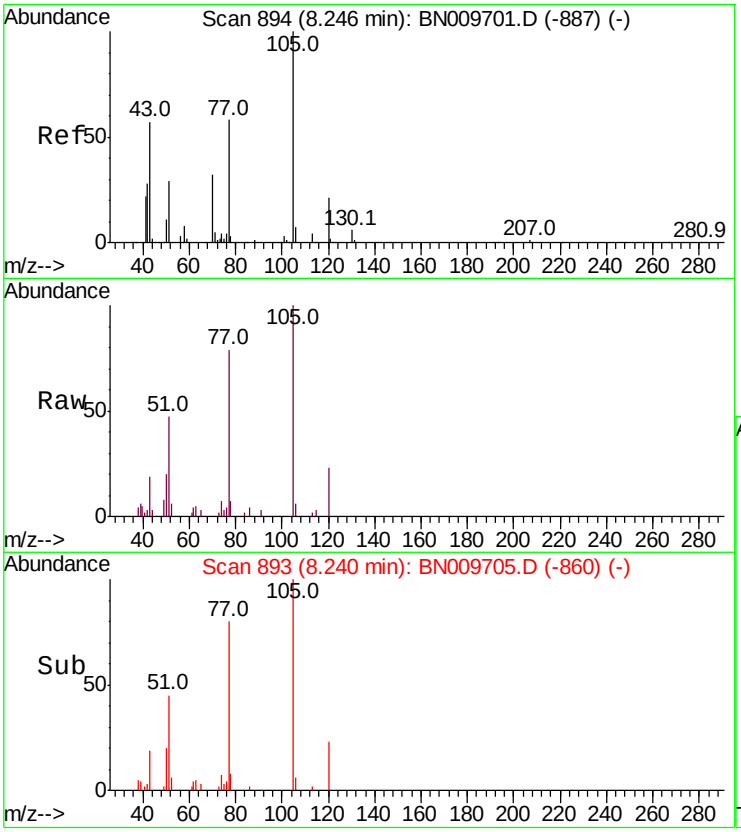
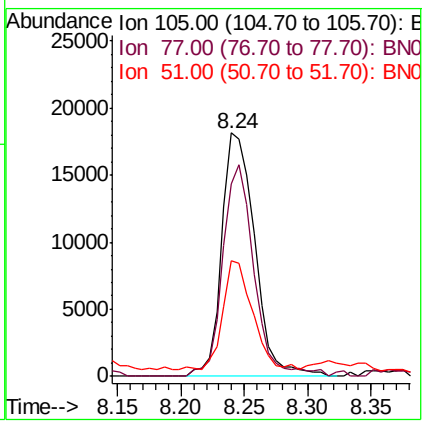




#14
Acetophenone
Concen: 2.078 ng/ul
RT: 8.24 min Scan# 893
Delta R.T. -0.01 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:105 Resp: 32873

Ion	Ratio	Lower	Upper
105	100		
77	78.8	67.7	101.5
51	47.2	34.3	51.5



Instrument :
BNA_N
ClientSampleId :
GAT62ME

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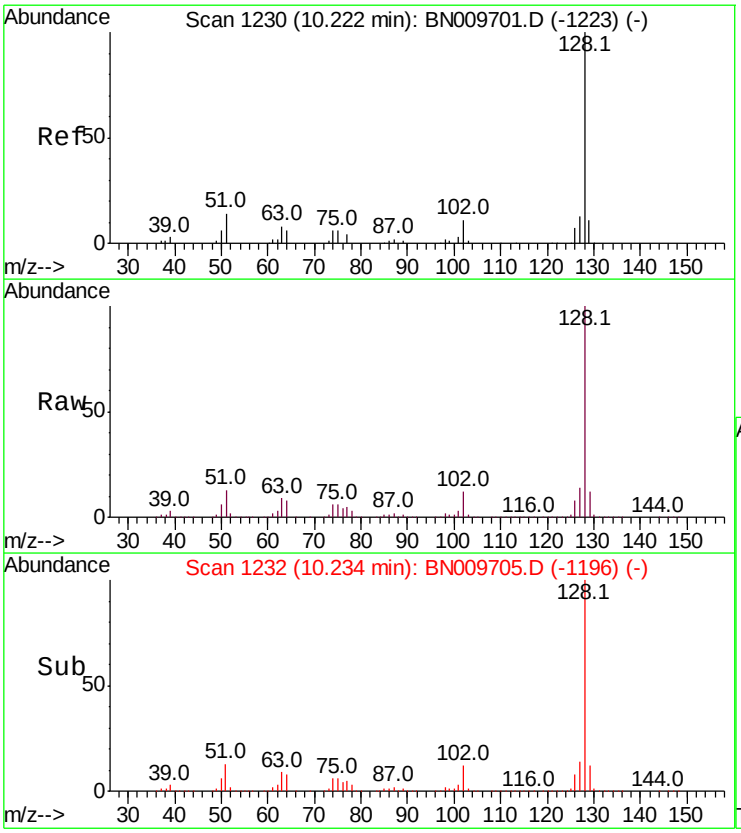
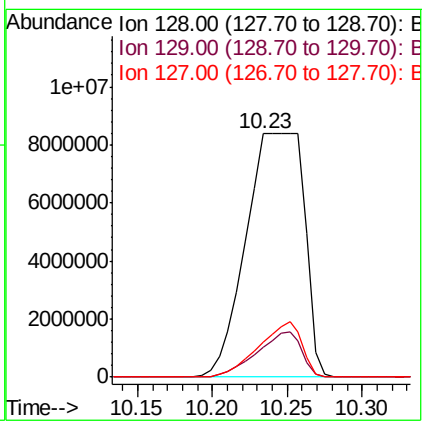
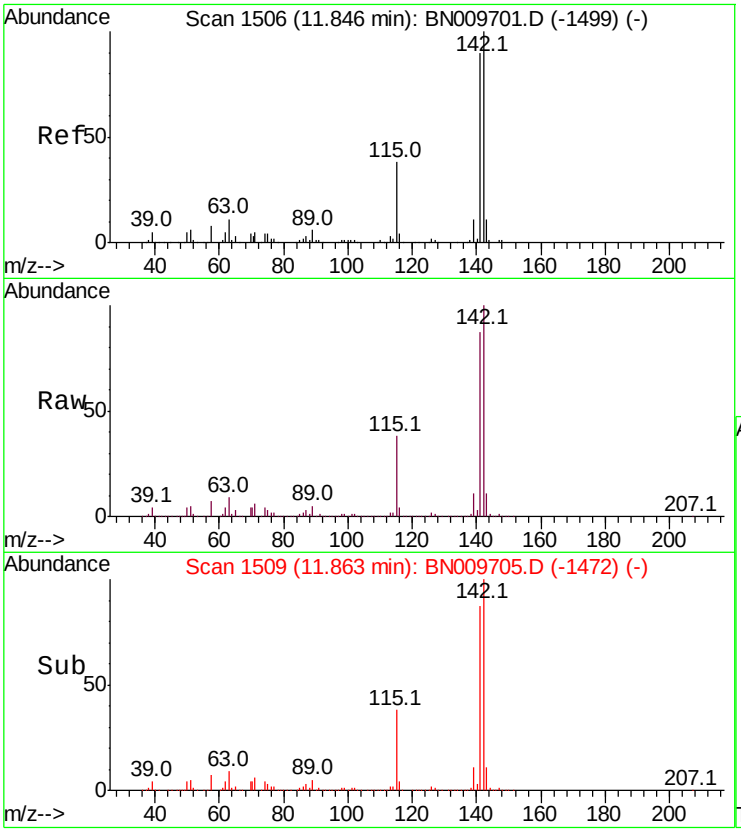


#28
Naphthalene
Concen: 712.013 ng/ul m
RT: 10.23 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:128 Resp:22782383

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.7	13.1
127	14.4	10.7	16.1





#34
2-Methylnaphthalene
Concen: 409.548 ng/ul
RT: 11.86 min Scan# 1509
Delta R.T. 0.02 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:142 Resp: 9170598

Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.5	107.3

Instrument :
BNA_N
ClientSampleId :
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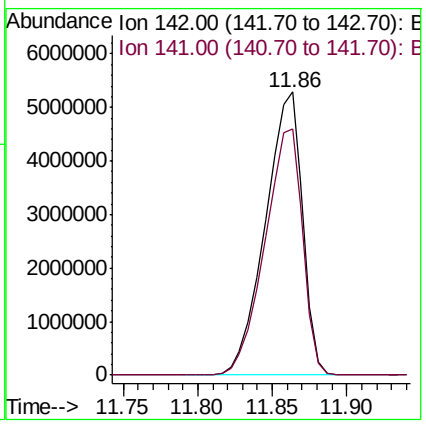
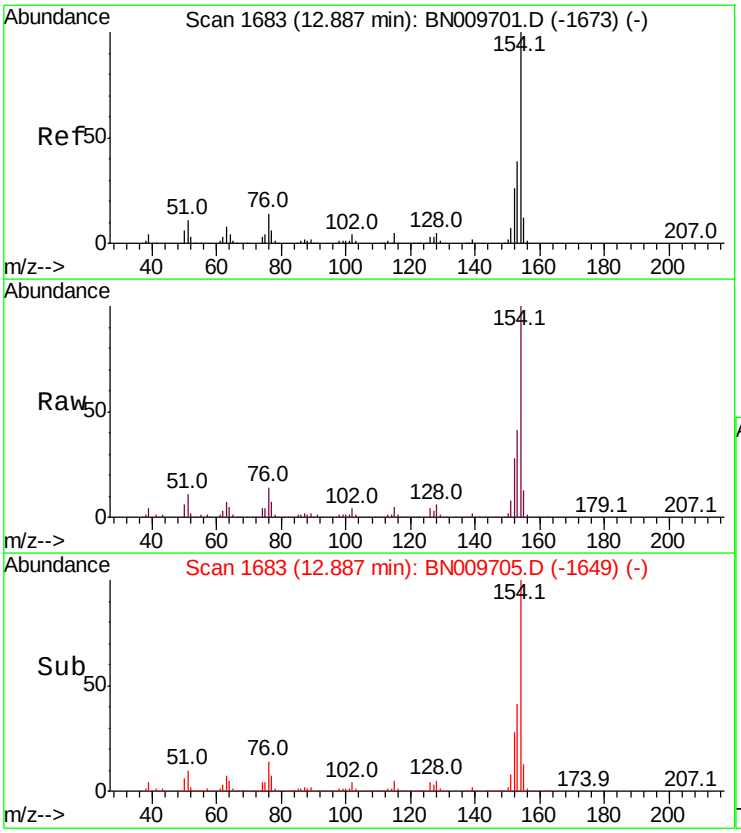
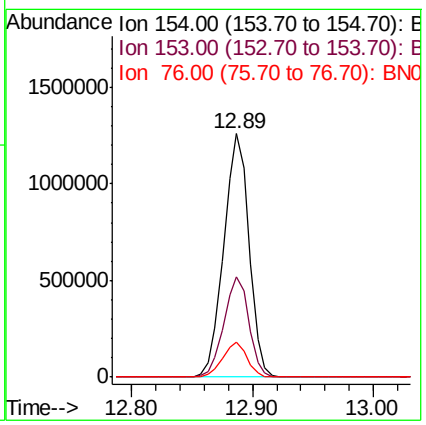


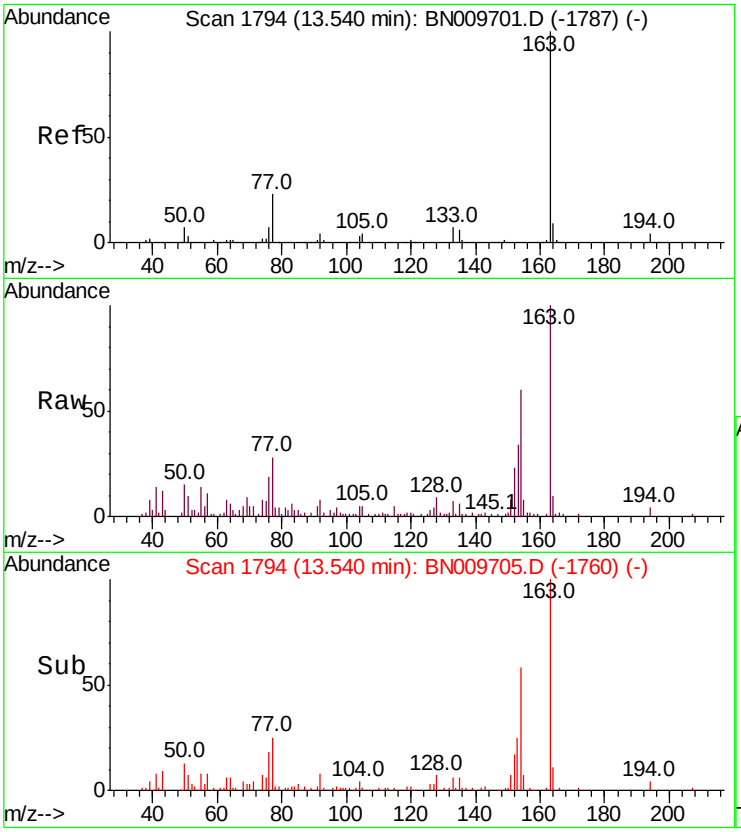


#40
1,1'-Biphenyl
Concen: 62.974 ng/ul
RT: 12.89 min Scan# 1683
Delta R.T. -0.00 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:154 Resp: 1820831

Ion	Ratio	Lower	Upper
154	100		
153	40.9	31.2	46.8
76	14.4	11.4	17.2

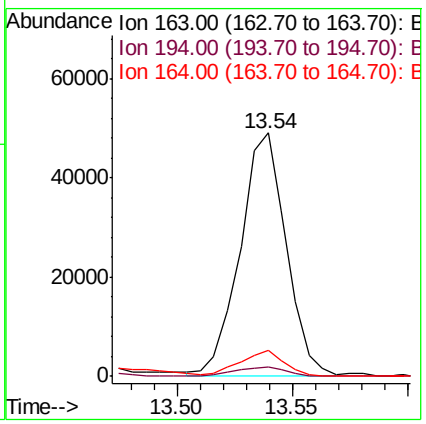




#44
Dimethylphthalate
Concen: 2.368 ng/ul
RT: 13.54 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:163 Resp: 68114

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.5	8.0	12.0



Instrument :
BNA_N
ClientSampleId :
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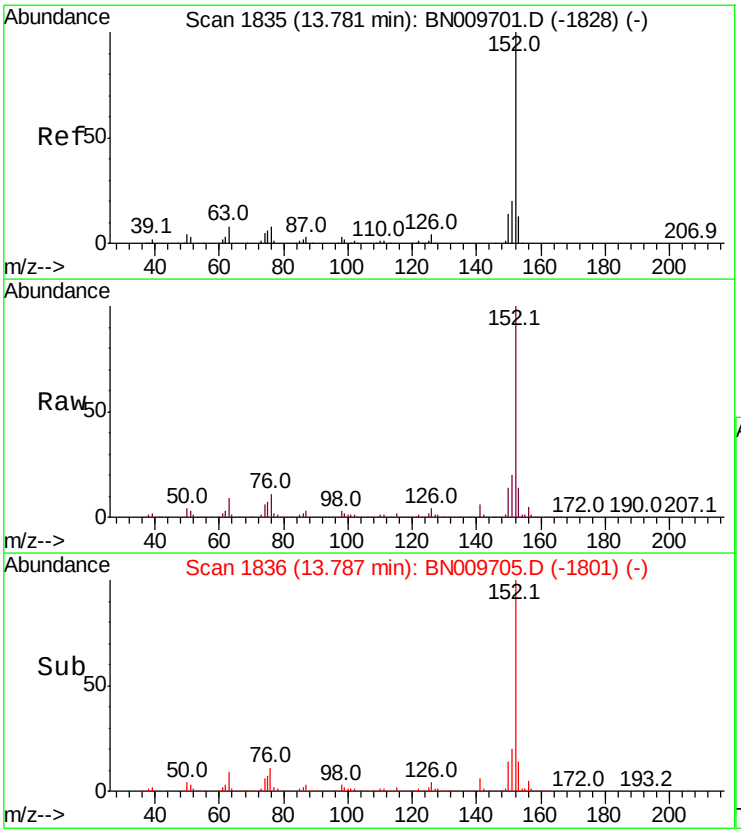
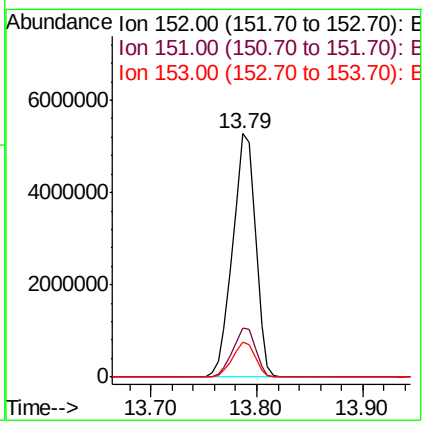
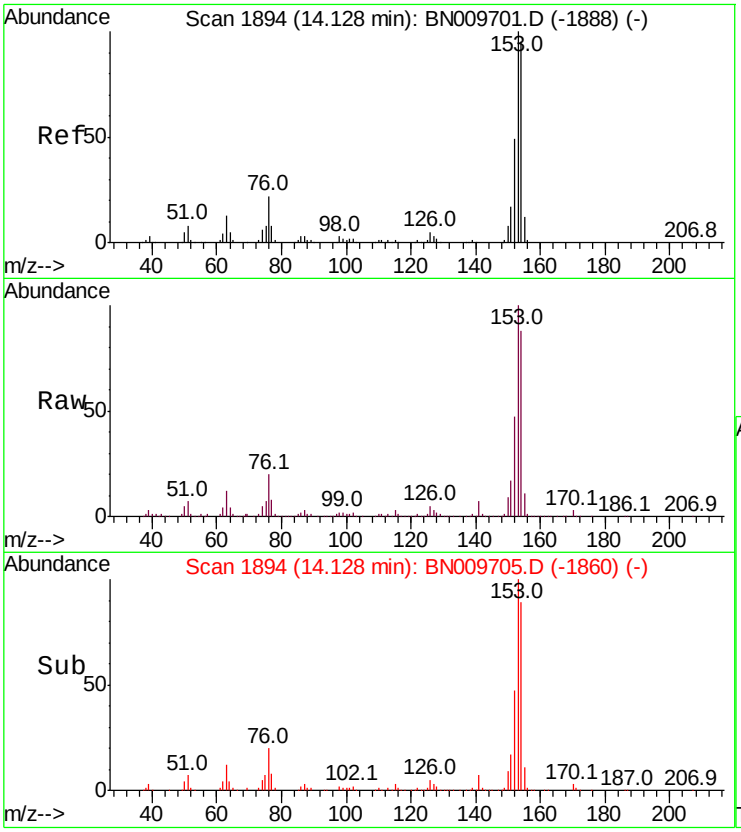


#47
Acenaphthylene
Concen: 220.604 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. 0.01 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:152 Resp: 7907911

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	14.1	10.6	15.8

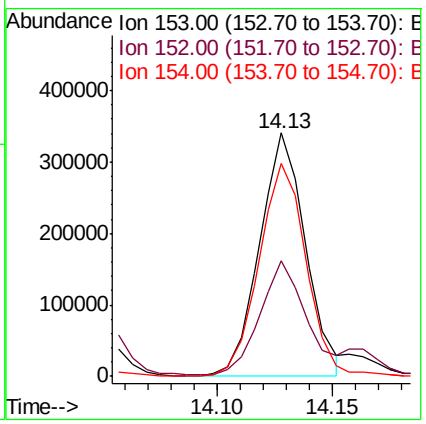




#49
Acenaphthene
Concen: 19.162 ng/ul
RT: 14.13 min Scan# 1894
Delta R.T. -0.00 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:153 Resp: 466968

Ion	Ratio	Lower	Upper
153	100		
152	47.4	37.3	55.9
154	87.7	70.2	105.2



Instrument :
BNA_N
ClientSampleId :
GAT62ME

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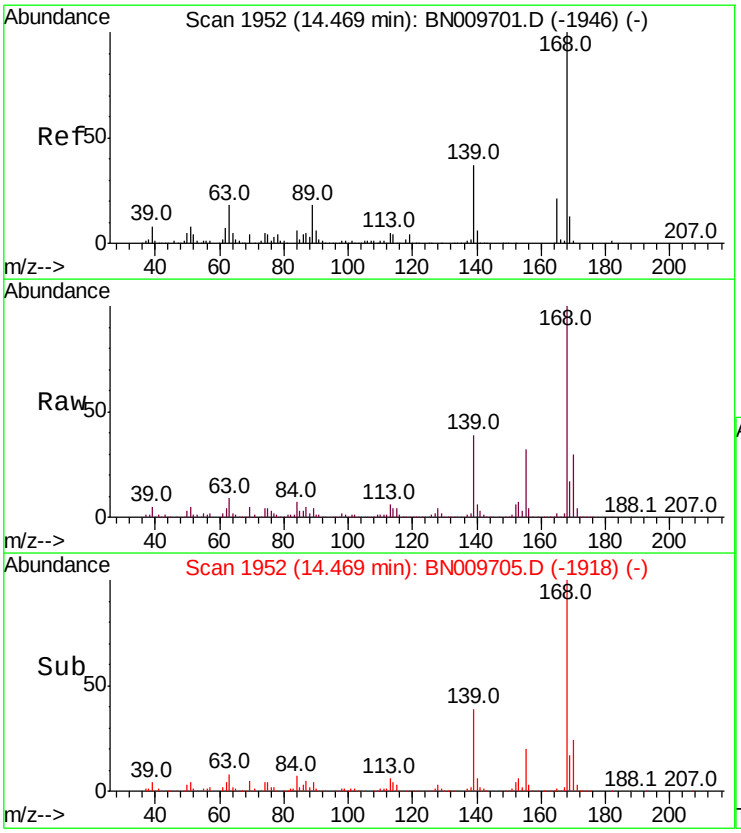
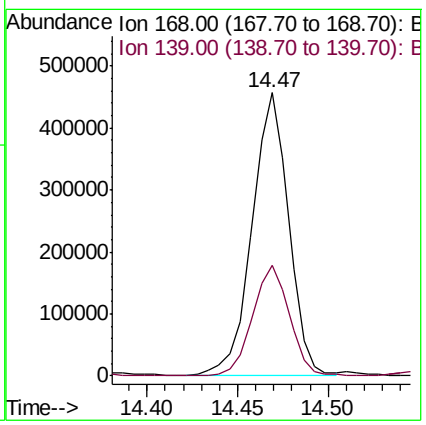
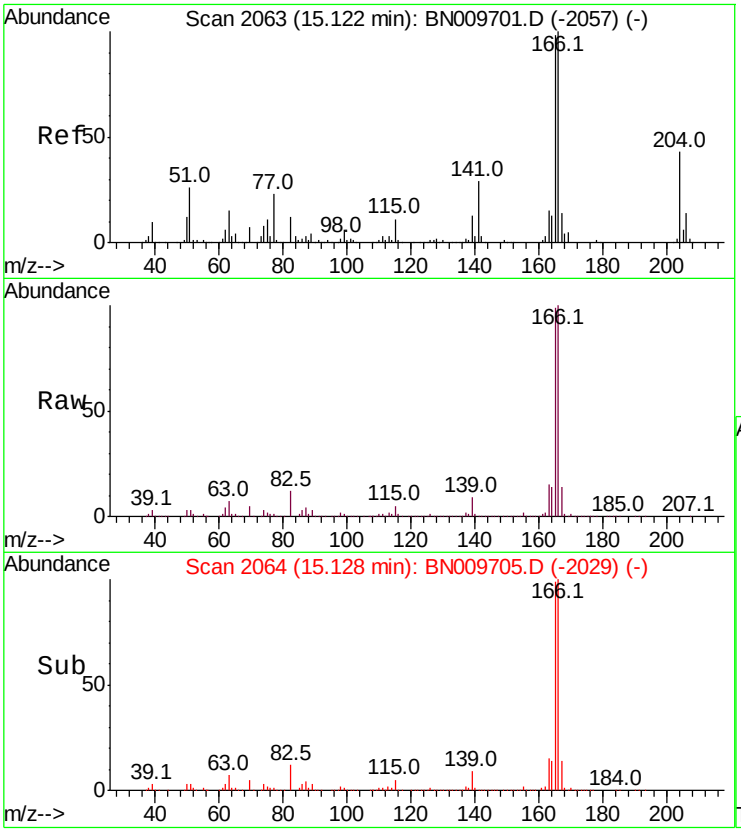


#53
Dibenzofuran
Concen: 18.929 ng/ul
RT: 14.47 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:168 Resp: 642350

Ion	Ratio	Lower	Upper
168	100		
139	39.1	29.5	44.3

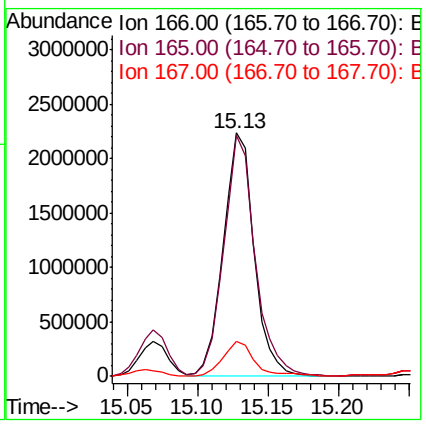




#58
Fluorene
Concen: 119.452 ng/ul
RT: 15.13 min Scan# 2064
Delta R.T. 0.01 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:166 Resp: 3387671

Ion	Ratio	Lower	Upper
166	100		
165	99.3	76.7	115.1
167	14.2	11.1	16.7



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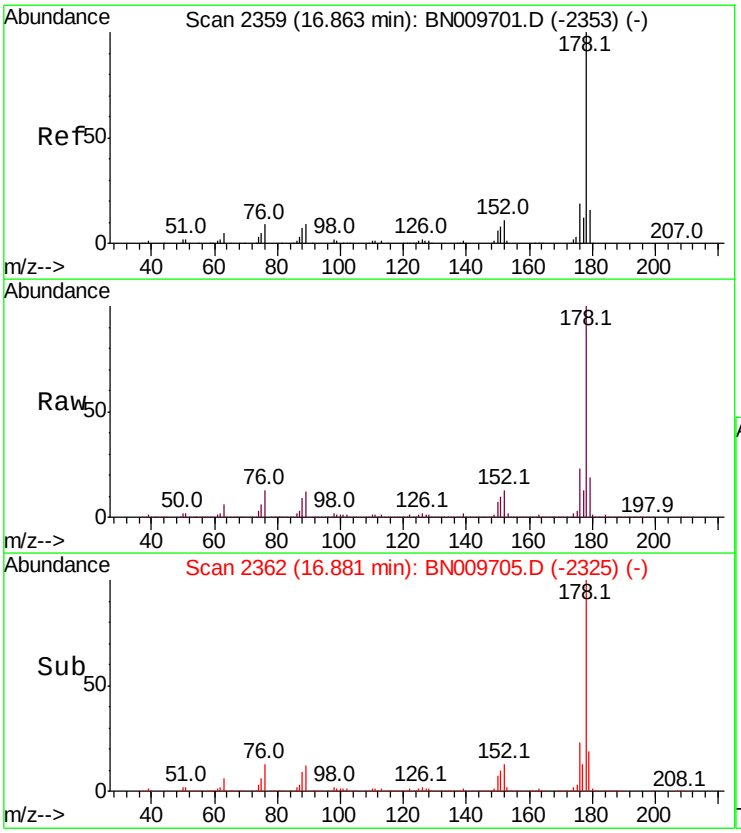
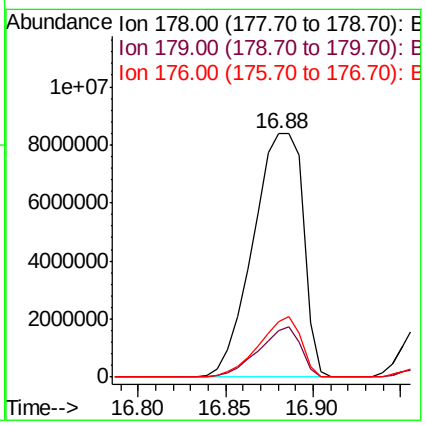
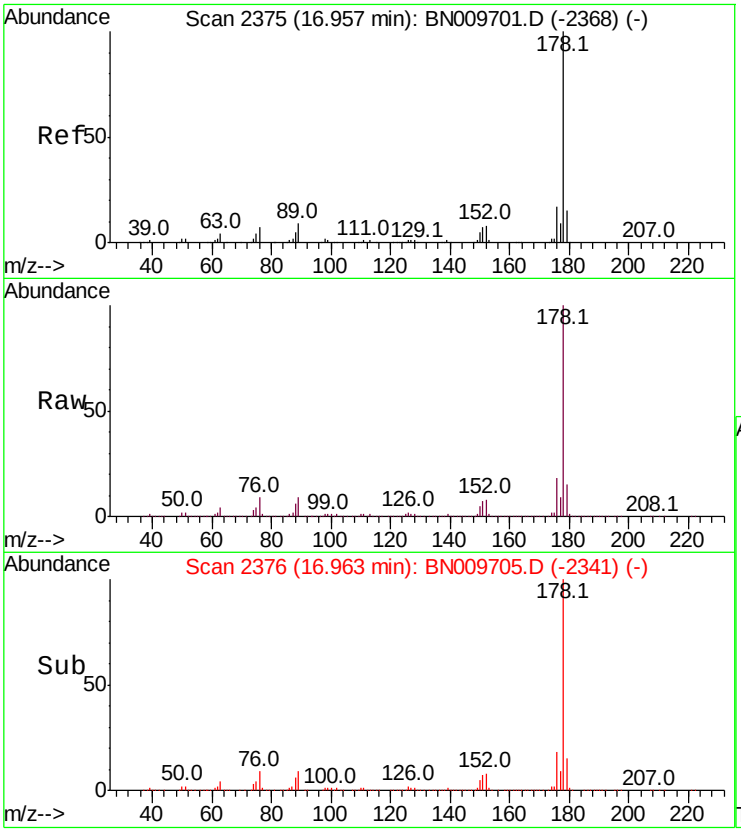


#69
Phenanthrene
Concen: 394.043 ng/ul m
RT: 16.88 min Scan# 2362
Delta R.T. 0.02 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:178 Resp:16609309

Ion	Ratio	Lower	Upper
178	100		
179	18.9	12.2	18.2#
176	22.9	14.8	22.2#

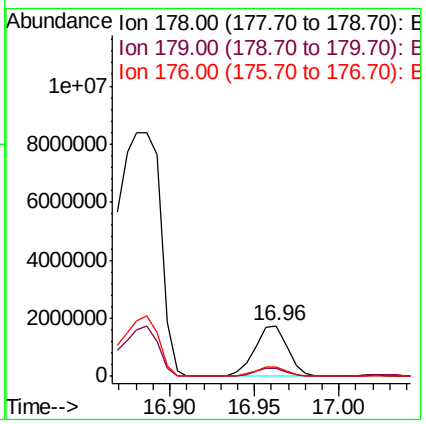




#71
Anthracene
Concen: 55.276 ng/ul
RT: 16.96 min Scan# 2376
Delta R.T. 0.01 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:178 Resp: 2364100

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	17.7	14.6	21.8



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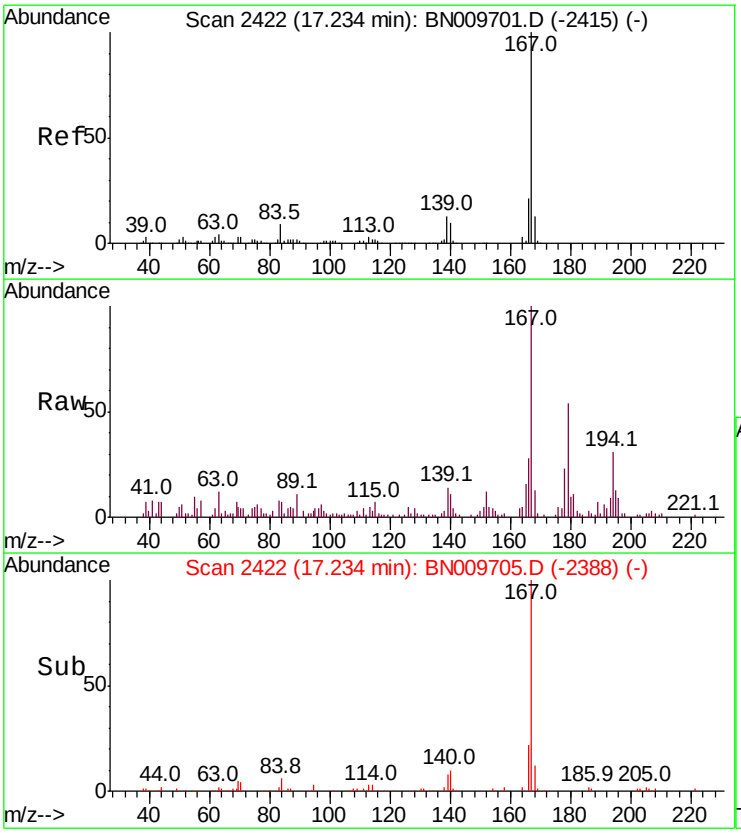
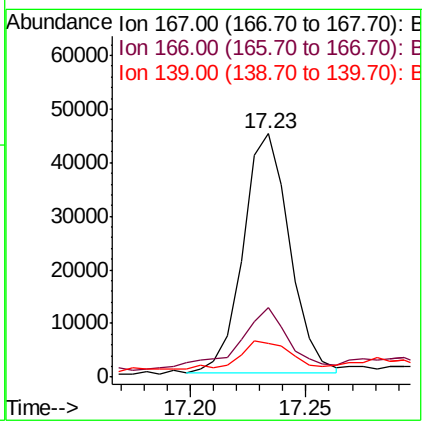
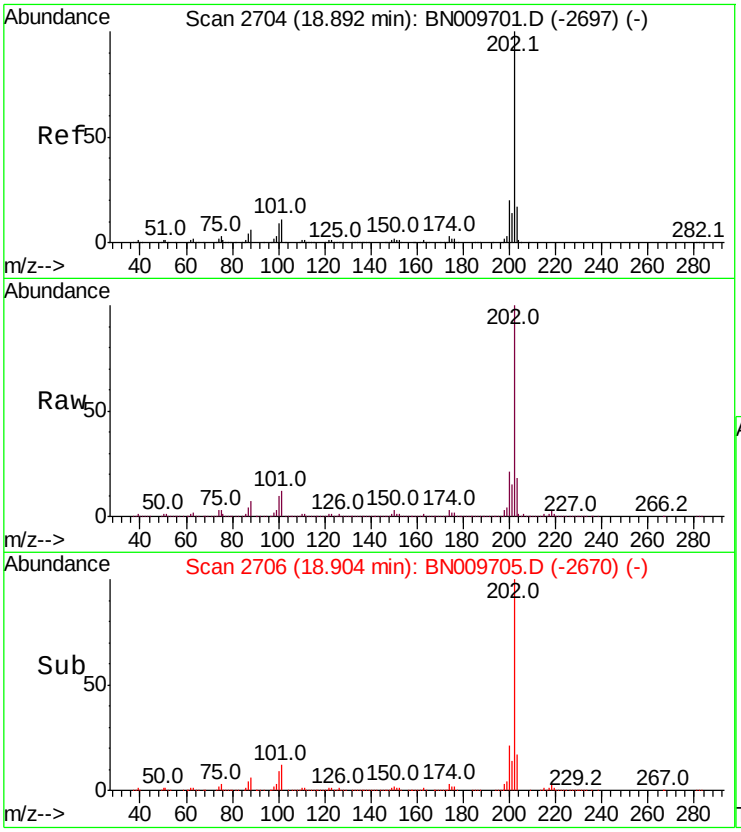


#74
Carbazole
Concen: 1.682 ng/ul
RT: 17.23 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:167 Resp: 62628

Ion	Ratio	Lower	Upper
167	100		
166	28.4	16.2	24.4#
139	13.7	10.4	15.6

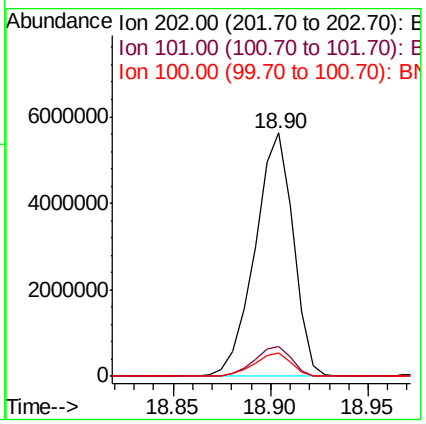




#76
Fluoranthene
Concen: 158.360 ng/ul
RT: 18.90 min Scan# 2706
Delta R.T. 0.01 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:202 Resp: 7618345

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.2	13.8
100	9.5	6.9	10.3



Instrument :
BNA_N
ClientSampleId :
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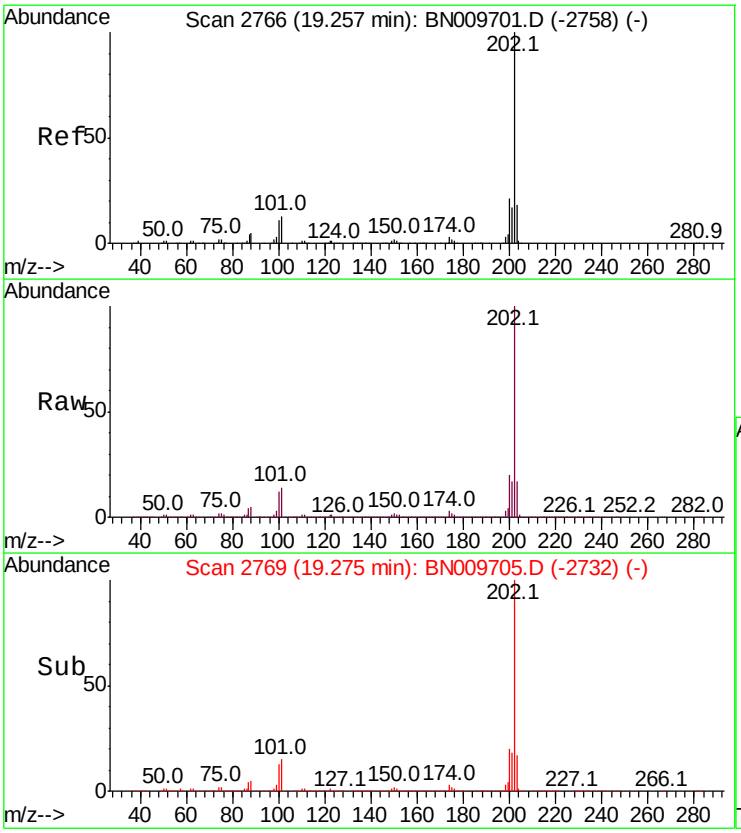
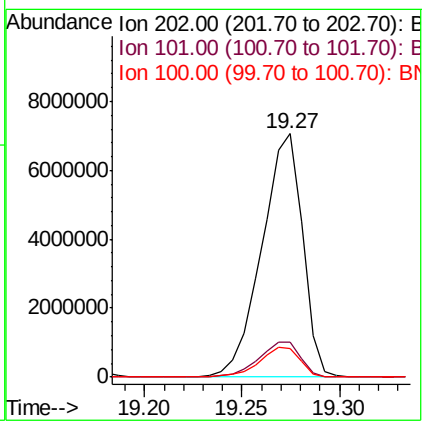
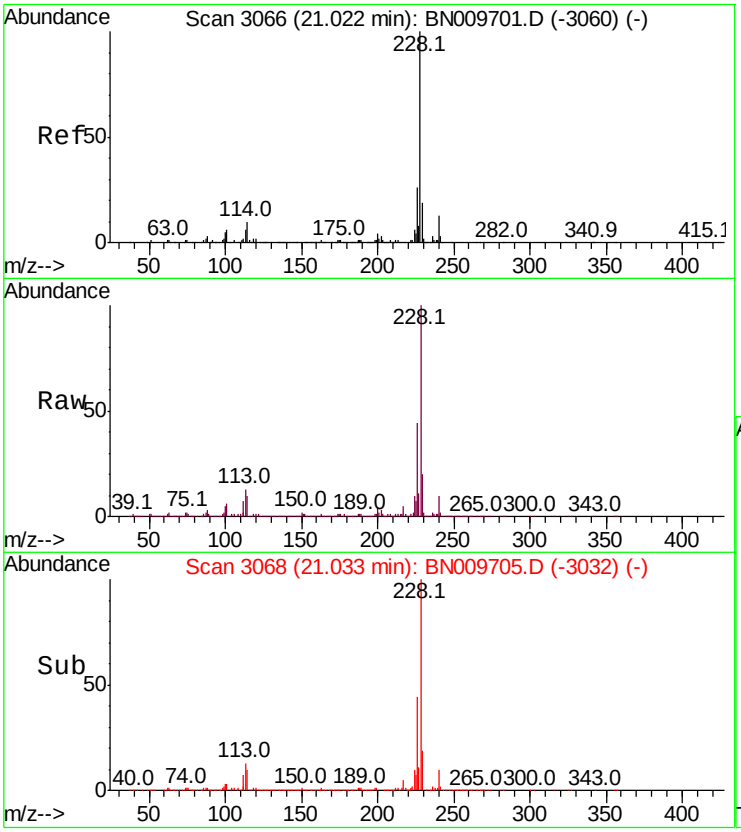


#79
Pyrene
Concen: 197.933 ng/ul
RT: 19.27 min Scan# 2769
Delta R.T. 0.02 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:202 Resp:10197916

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.3	15.5
100	11.8	8.4	12.6

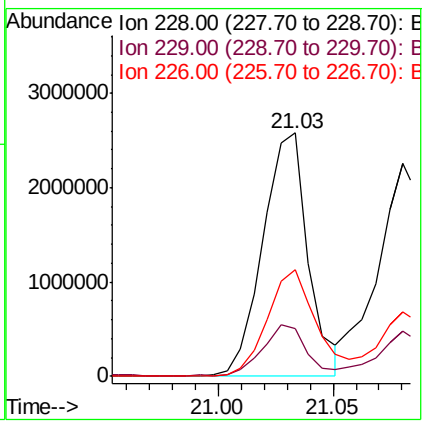




#82
Benzo(a)anthracene
Concen: 72.341 ng/ul m
RT: 21.03 min Scan# 3068
Delta R.T. 0.01 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:228 Resp: 3525203

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.0	22.4
226	44.0	20.9	31.3#



Instrument :
BNA_N
ClientSampleId :
GAT62ME

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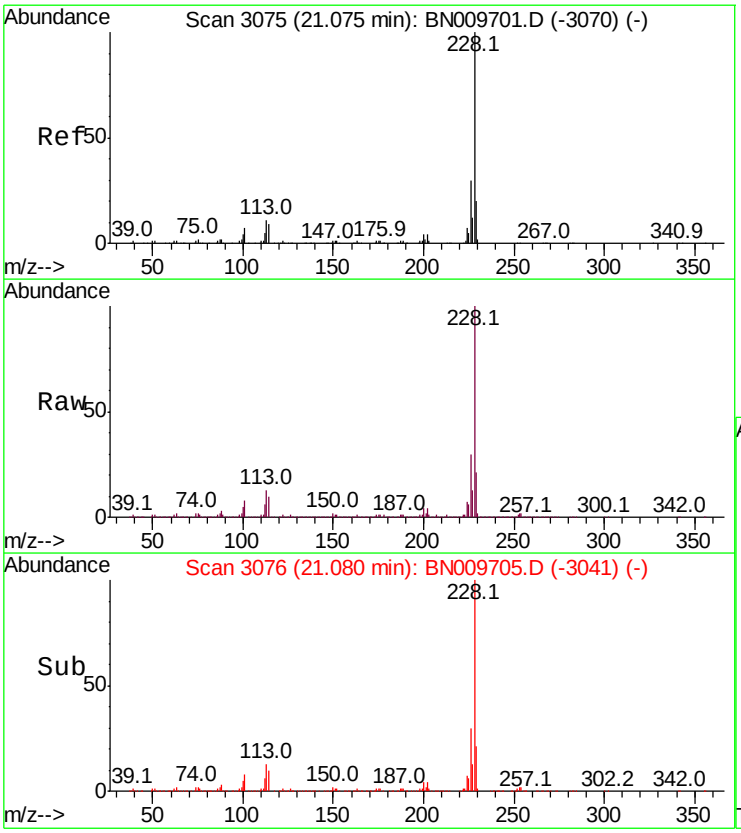
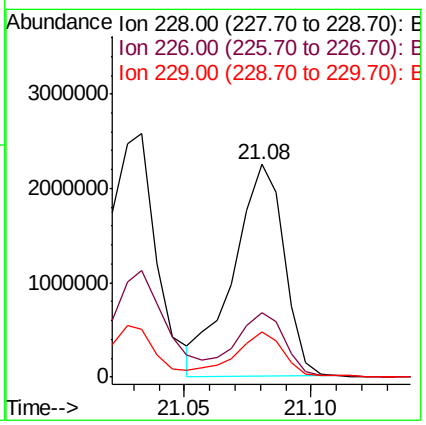
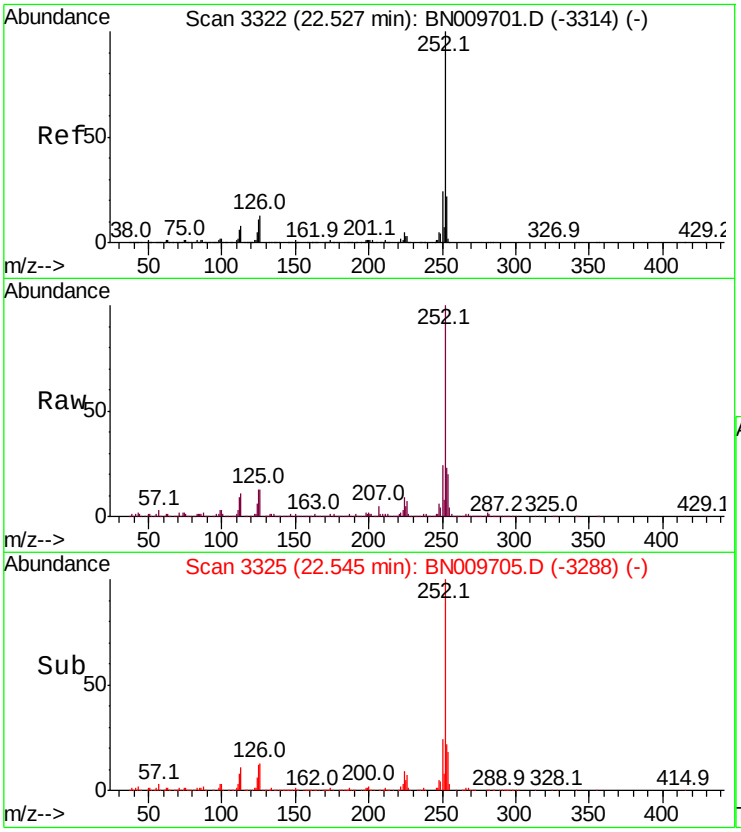


#84
Chrysene
Concen: 64.543 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. 0.01 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:228 Resp: 3131152

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.5	35.3
229	21.0	15.8	23.8

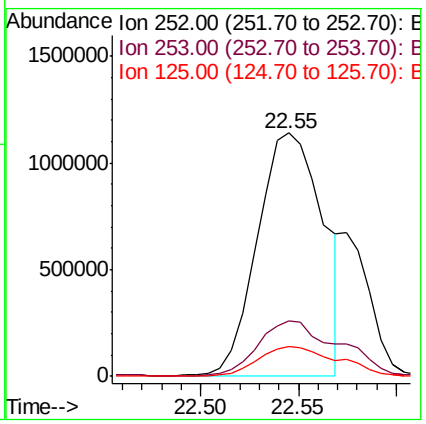




#87
Benzo(b)fluoranthene
Concen: 60.561 ng/ul m
RT: 22.55 min Scan# 3325
Delta R.T. 0.02 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:252 Resp: 2663244

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	12.5	8.2	12.2#



Instrument :
BNA_N
ClientSampleId :
GAT62ME

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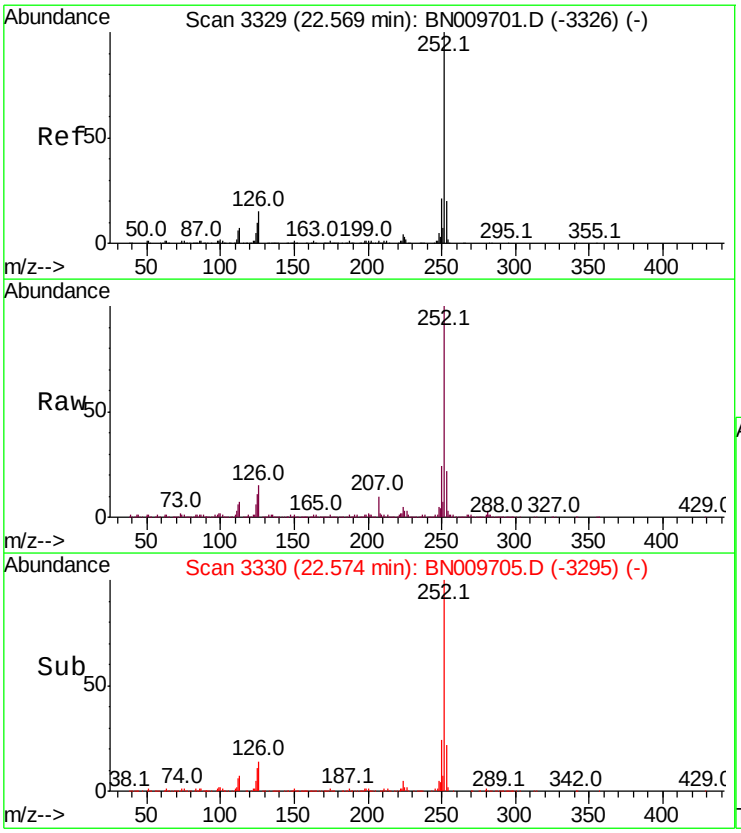
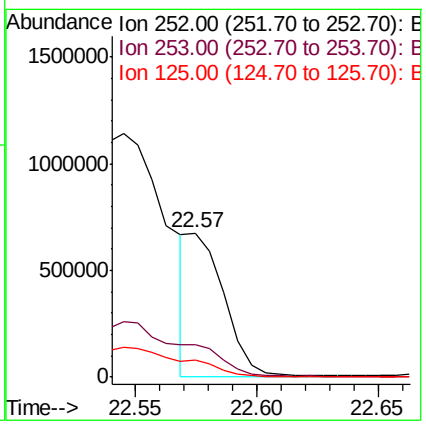
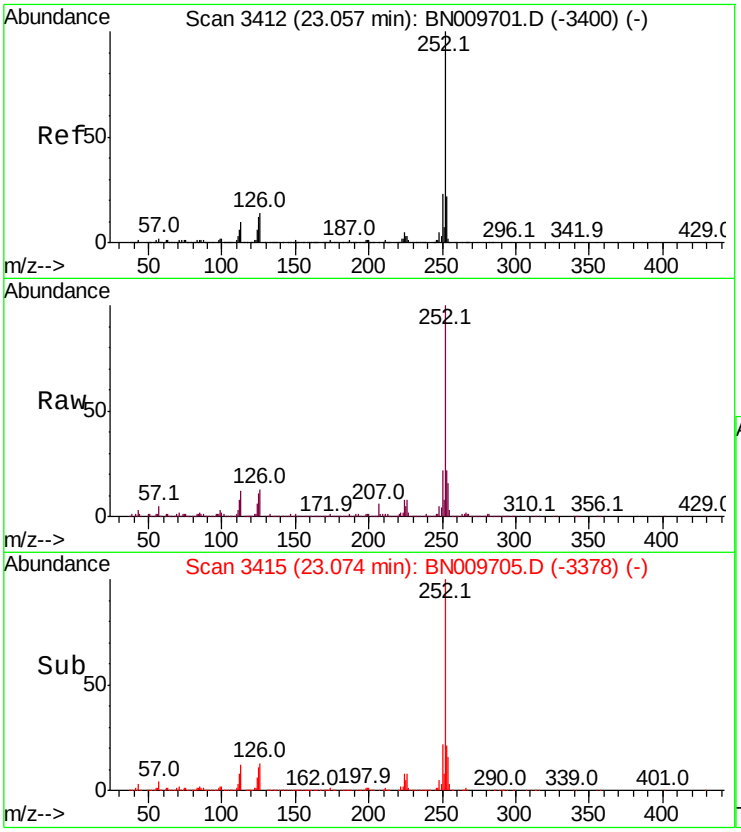


#88
Benzo(k)fluoranthene
Concen: 15.575 ng/ul m
RT: 22.57 min Scan# 3330
Delta R.T. 0.01 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:252 Resp: 674514

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	11.4	8.0	12.0

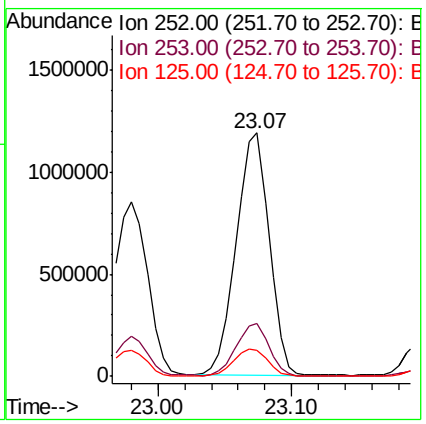




#90
Benzo(a)pyrene
Concen: 49.966 ng/ul
RT: 23.07 min Scan# 3415
Delta R.T. 0.02 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:252 Resp: 2035828

Ion	Ratio	Lower	Upper
252	100		
253	21.7	15.8	23.8
125	10.8	8.7	13.1



Instrument :
BNA_N
ClientSampleId :
GAT62ME

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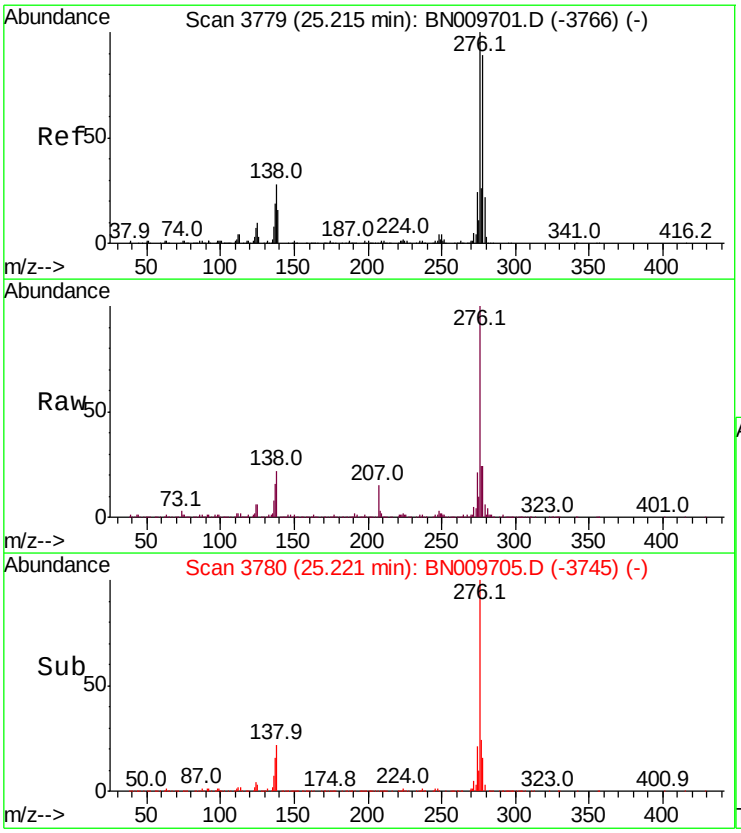
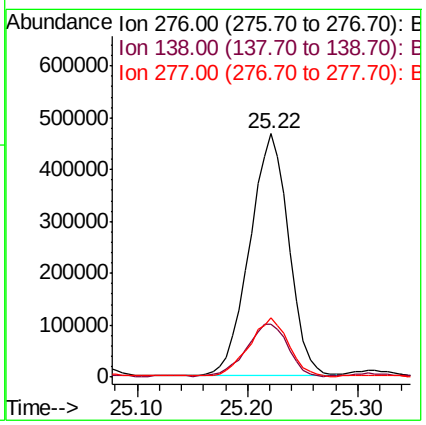
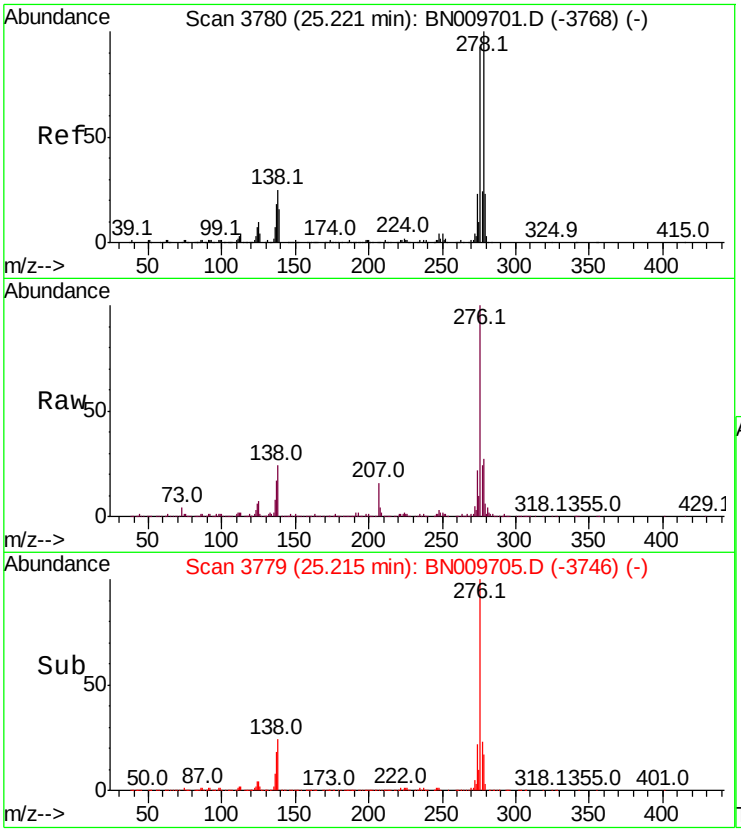


#91
Indeno(1,2,3-cd)pyrene
Concen: 24.007 ng/ul
RT: 25.22 min Scan# 3780
Delta R.T. 0.01 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:276 Resp: 1162943

Ion	Ratio	Lower	Upper
276	100		
138	21.6	20.3	30.5
277	24.3	21.2	31.8





#92
Dibenzo(a,h)anthracene
Concen: 9.018 ng/ul
RT: 25.22 min Scan# 3779
Delta R.T. -0.01 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:278 Resp: 367702

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	22.4	19.8	29.8

Instrument :
BNA_N
ClientSampleId :
GAT62ME

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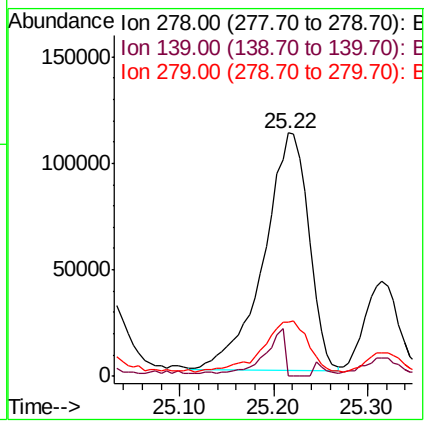

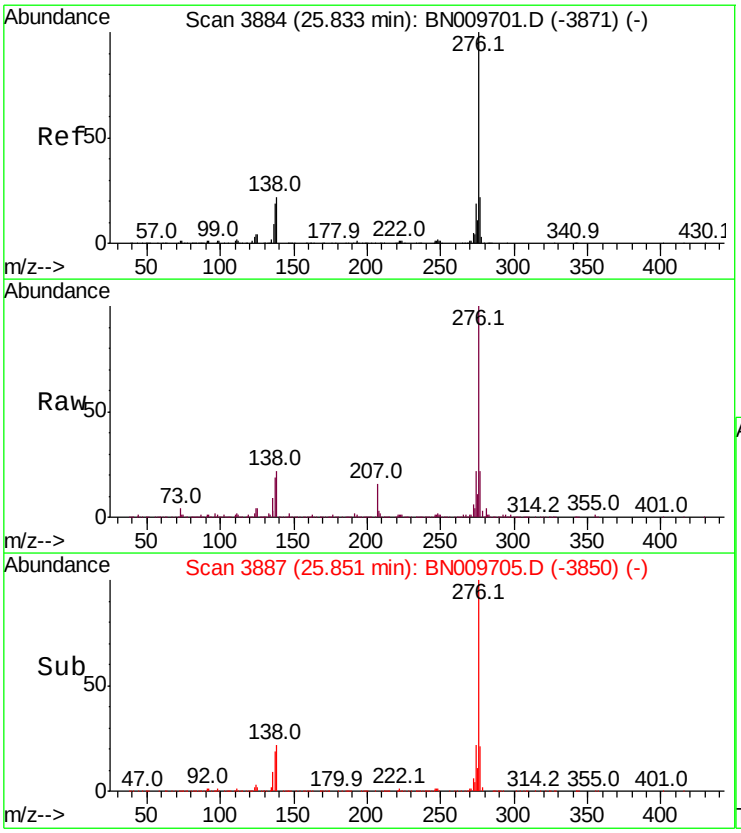

#93
Benzo(g,h,i)perylene
Concen: 27.505 ng/ul
RT: 25.85 min Scan# 3887
Delta R.T. 0.02 min
Lab File: BN009705.D
Acq: 11 Feb 2020 14:24

Tgt Ion:276 Resp: 1116675

Ion	Ratio	Lower	Upper
276	100		
138	22.3	16.0	24.0
277	21.8	17.0	25.6