Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070119\
Data File : BN006659.D
Acq On : 01 Jul 2019 14:10
Operator : HP/JU
Sample : K3504-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-001-SW013-062019

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Quant Time: Jul 02 05:25:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4872	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	19156	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	10480	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	22009	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	20015	0.40	ng		-0.01
34) Perylene-d12	23.51	264	22530	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	3534	0.30	ng		0.00
5) Phenol-d6	6.81	99	4844	0.31	ng		-0.02
8) Nitrobenzene-d5	8.79	82	3109	0.24	ng		0.00
11) 2-Methylnaphthalene-d10	12.00	152	7632	0.25	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	1210	0.25	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	9973	0.26	ng		-0.01
25) Fluoranthene-d10	19.08	212	14916	0.23	ng		0.00
29) Terphenyl-d14	19.68	244	10056	0.24	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.44	128	2200	0.044	ng	#	86
12) 2-Methylnaphthalene	12.07	142	1631	0.047	ng	#	92
17) Acenaphthene	14.33	154	1521	0.046	ng		98
18) Fluorene	15.34	166	1772	0.043	ng	#	98
23) Phenanthrene	17.07	178	38023	0.608	ng		100
24) Anthracene	17.16	178	7026	0.129	ng		98
26) Fluoranthene	19.11	202	57827	0.760	ng		100
28) Pyrene	19.47	202	46266	0.661	ng		96
30) Benzo(a)anthracene	21.25	228	26952	0.412	ng		94
31) Chrysene	21.30	228	23959m	0.340	ng		
32) Bis(2-ethylhexyl)phthalate	21.16	149	5980	0.182	ng	#	98
33) Indeno(1,2,3-cd)pyrene	25.75	276	12600	0.176	ng		97
35) Benzo(b)fluoranthene	22.84	252	29050	0.379	ng	#	80
36) Benzo(k)fluoranthene	22.88	252	10661m	0.130	ng		
37) Benzo(a)pyrene	23.41	252	18737	0.262	ng	#	74
38) Dibenzo(a,h)anthracene	25.74	278	4213	0.067	ng	#	3
39) Benzo(g,h,i)perylene	26.44	276	13937	0.223	ng	#	82

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

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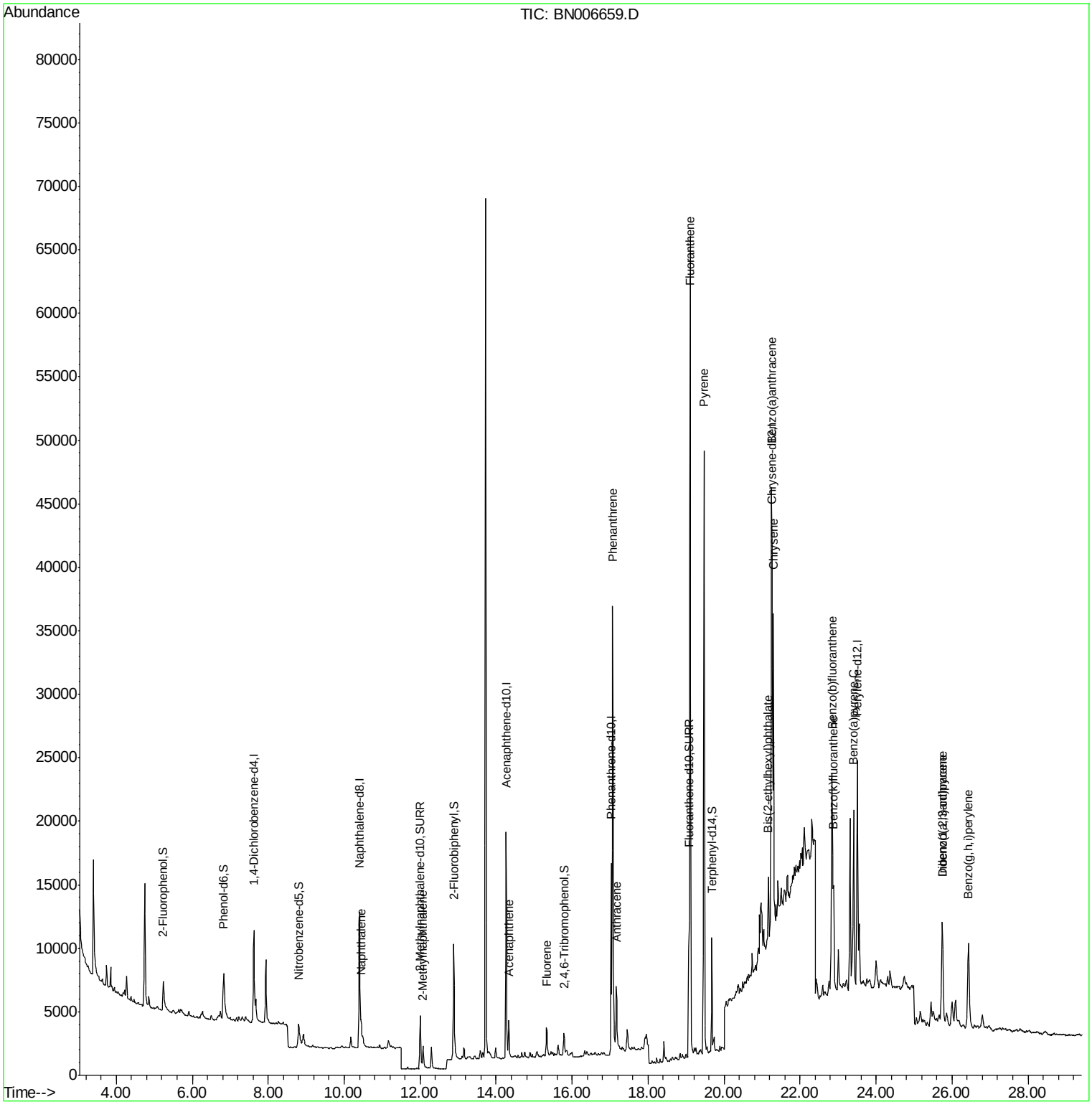
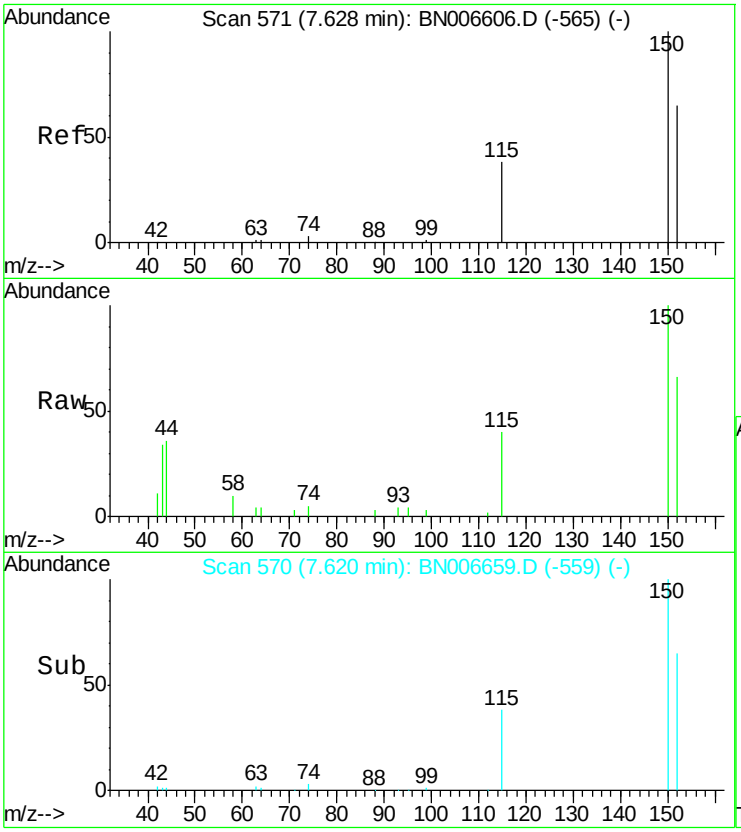
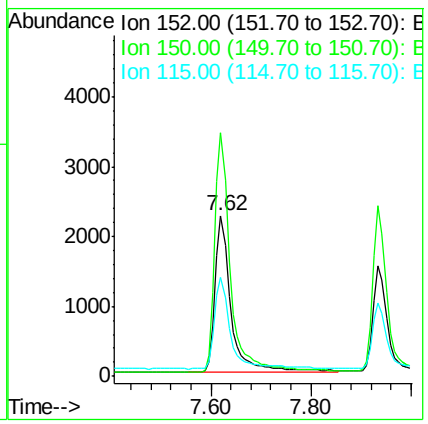




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:152 Resp: 4872

Ion	Ratio	Lower	Upper
152	100		
150	151.2	122.2	183.2
115	61.1	50.0	75.0



Instrument :
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ClientSampleId :
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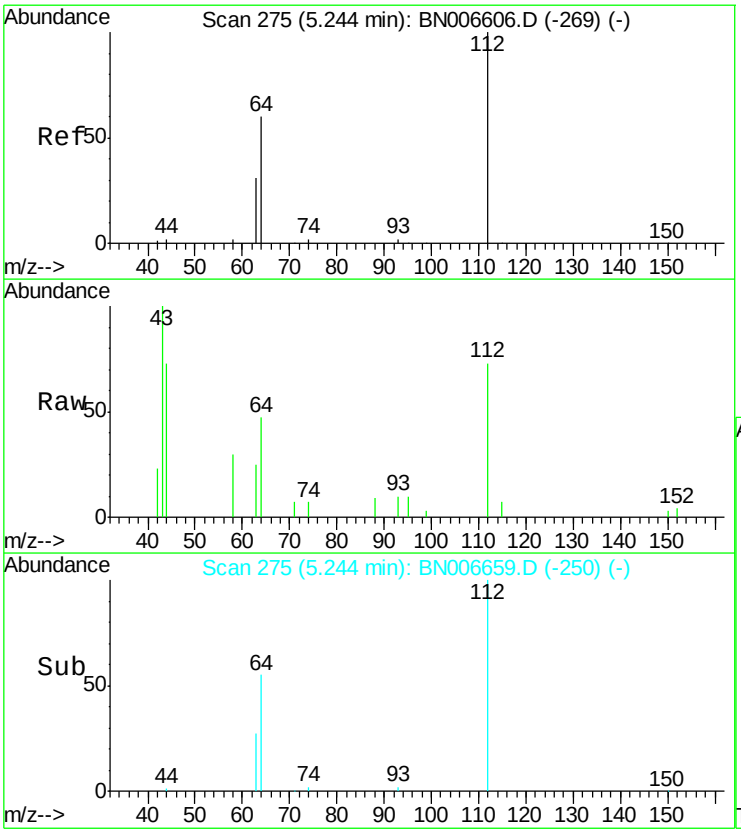
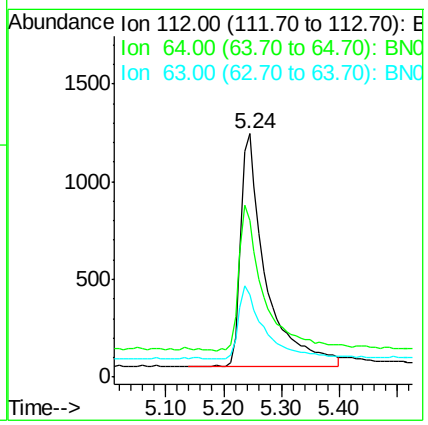
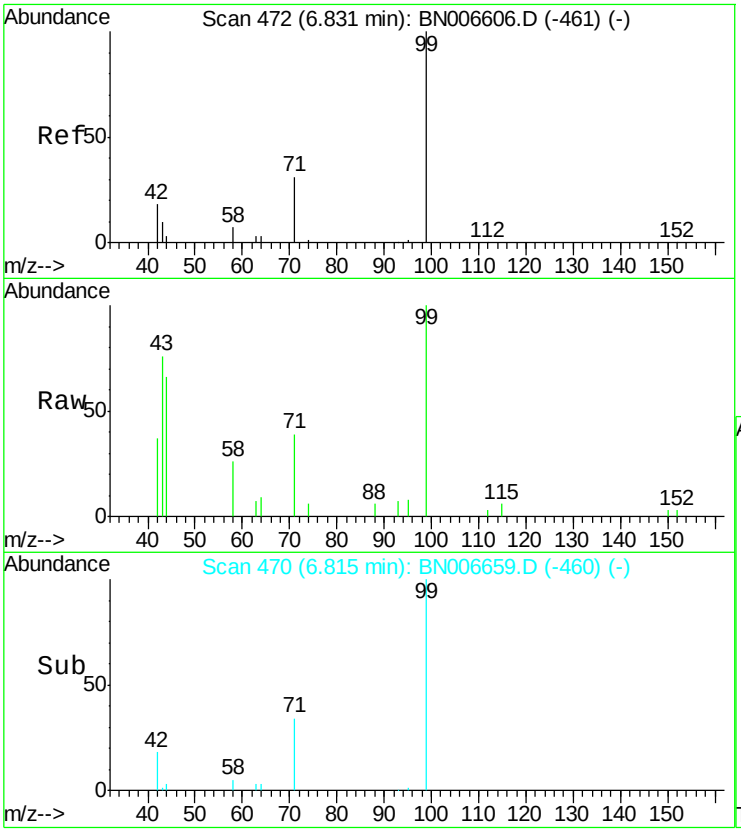


#4
2-Fluorophenol
Concen: 0.296 ng
RT: 5.24 min Scan# 275
Delta R.T. 0.00 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:112 Resp: 3534

Ion	Ratio	Lower	Upper
112	100		
64	62.8	48.9	73.3
63	33.9	24.3	36.5

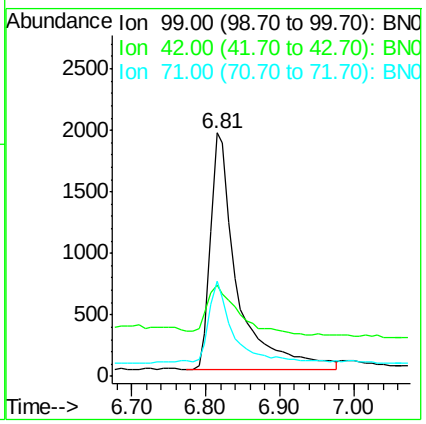




#5
Phenol-d6
Concen: 0.306 ng
RT: 6.81 min Scan# 470
Delta R.T. -0.02 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion: 99 Resp: 4844

Ion	Ratio	Lower	Upper
99	100		
42	24.4	16.4	24.6
71	29.5	26.6	40.0



Instrument :
BNA_N
ClientSampleId :
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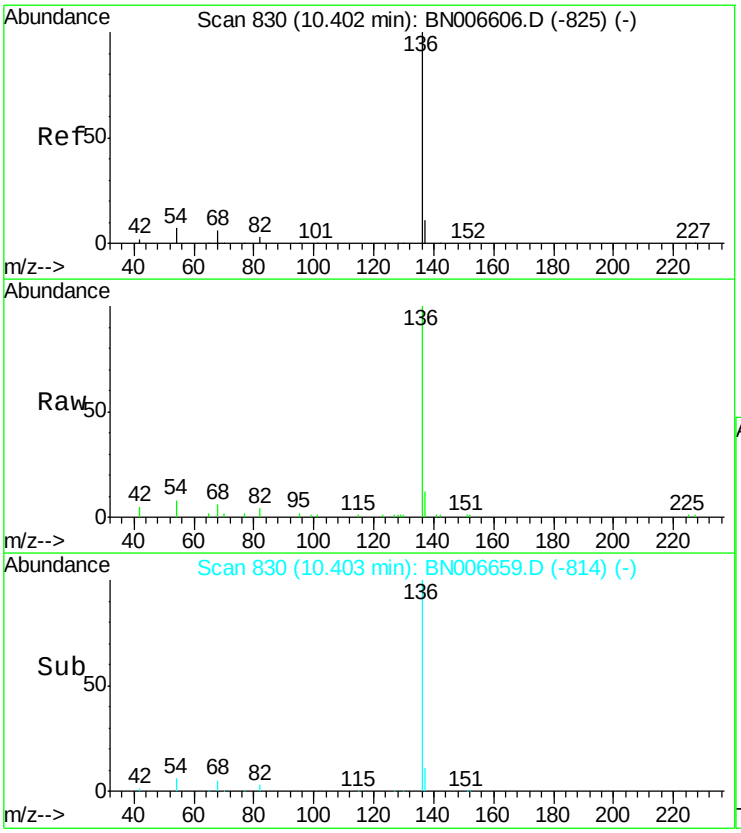
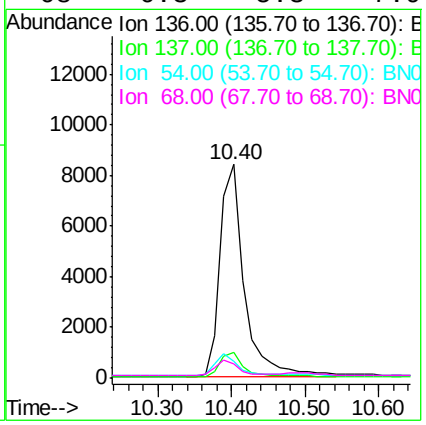
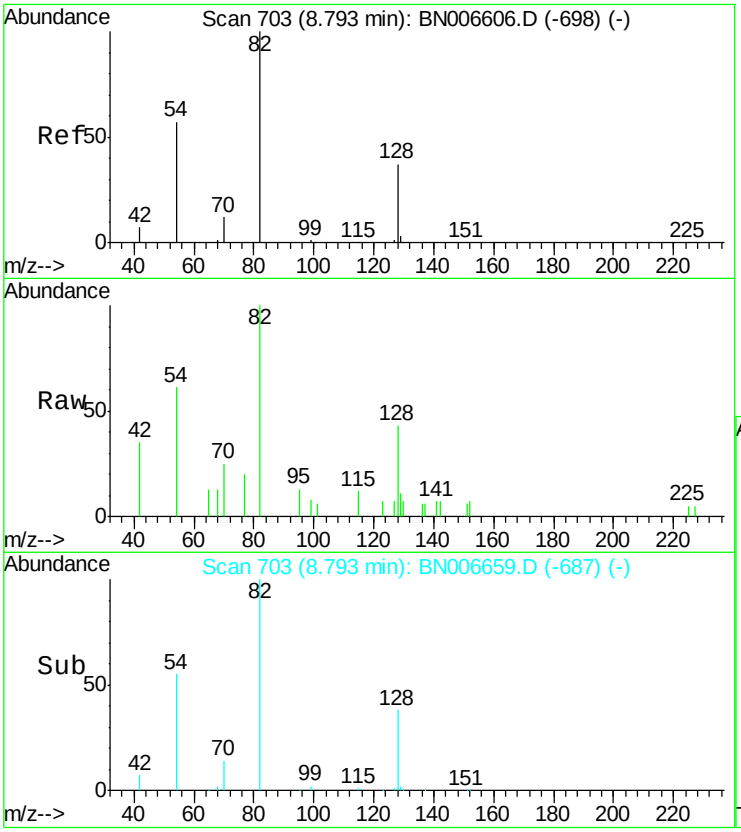


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:136 Resp: 19156

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	7.5	6.7	10.1
68	6.3	5.3	7.9

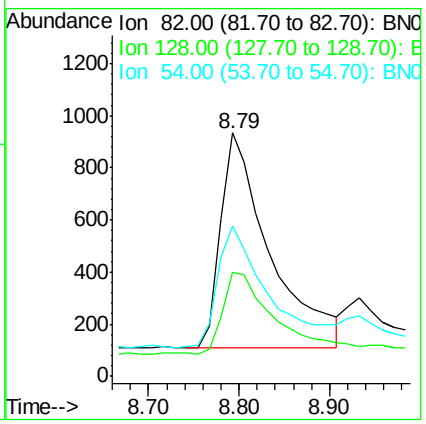




#8
Nitrobenzene-d5
Concen: 0.241 ng
RT: 8.79 min Scan# 703
Delta R.T. 0.00 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion: 82 Resp: 3109

Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.6	49.0
54	61.5	48.2	72.4



Instrument :
BNA_N
ClientSampleId :
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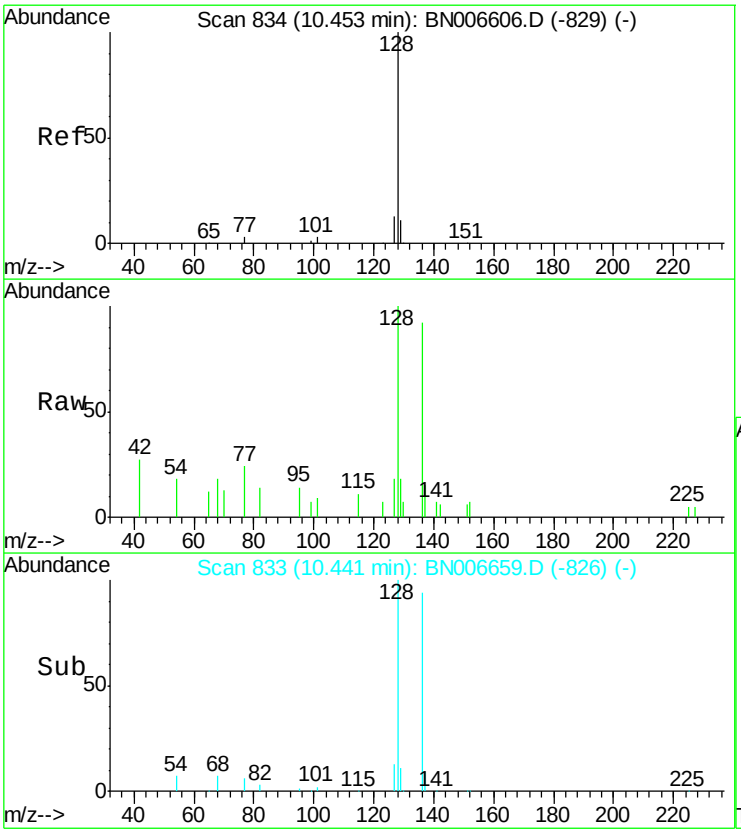
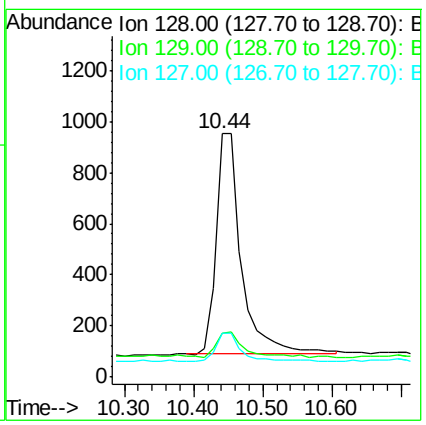
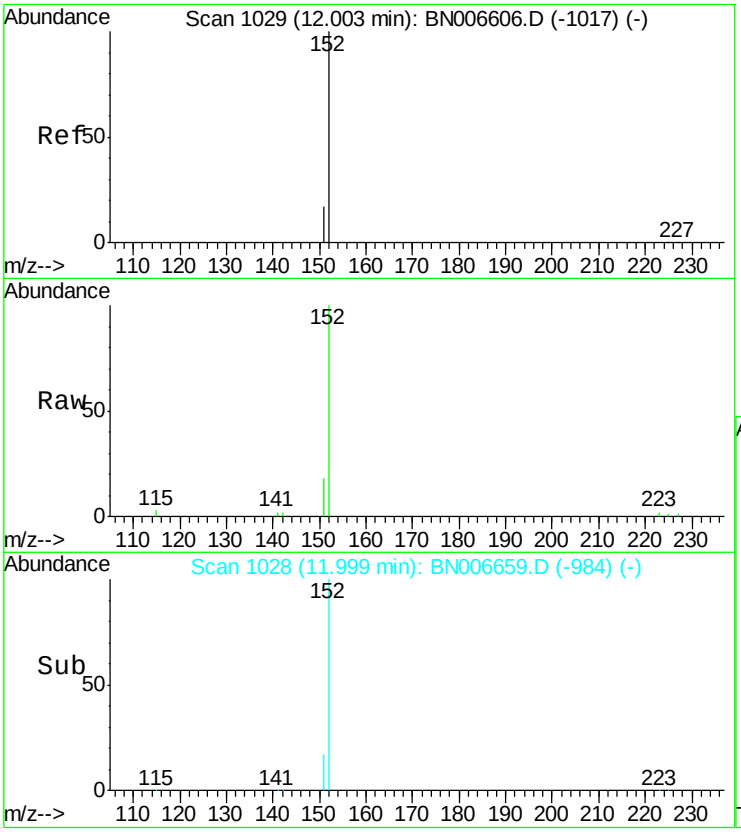


#9
Naphthalene
Concen: 0.044 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.01 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:128 Resp: 2200

Ion	Ratio	Lower	Upper
128	100		
129	18.2	9.3	13.9#
127	18.3	10.8	16.2#





#11
2-Methylnaphthalene-d10
Concen: 0.253 ng
RT: 12.00 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:152 Resp: 7632

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.0	22.4

Instrument :
BNA_N
ClientSampleId :
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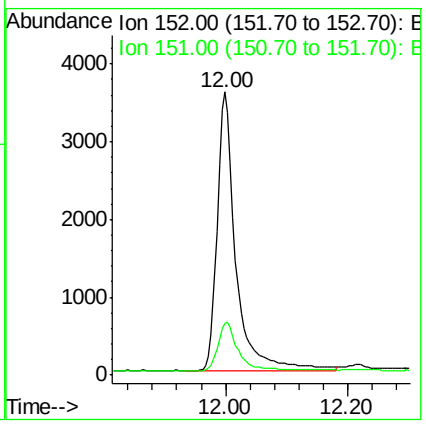
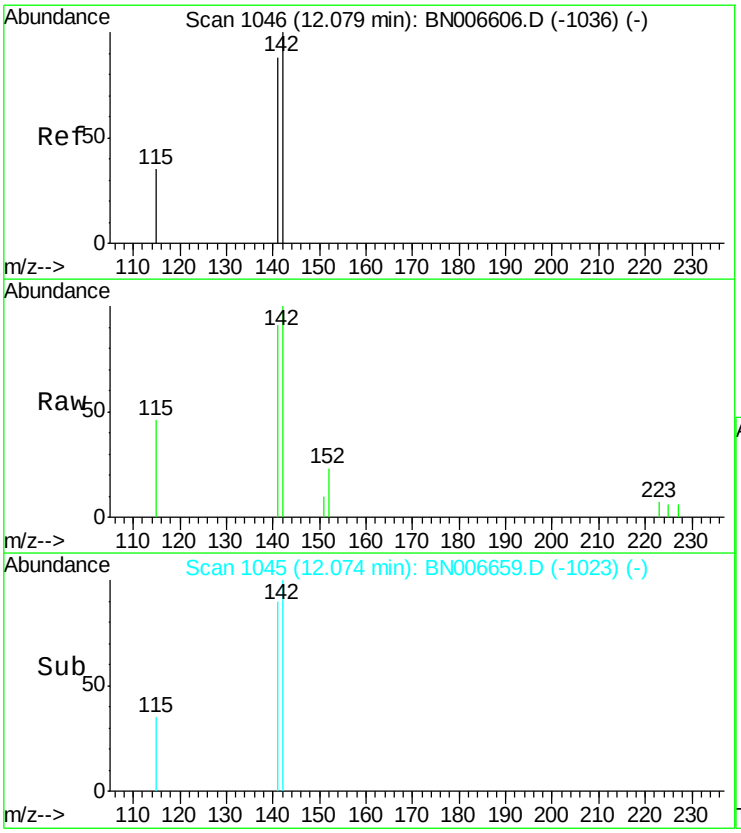
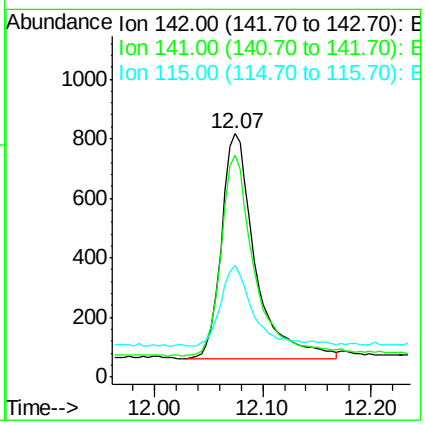


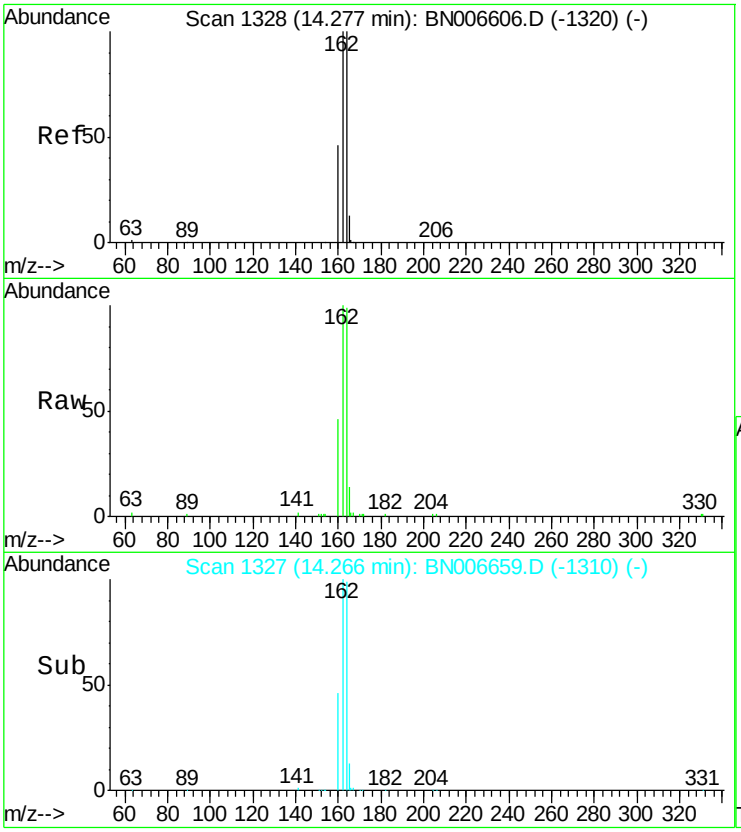


#12
2-Methylnaphthalene
Concen: 0.047 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:142 Resp: 1631

Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.2	105.4
115	45.7	28.5	42.7#

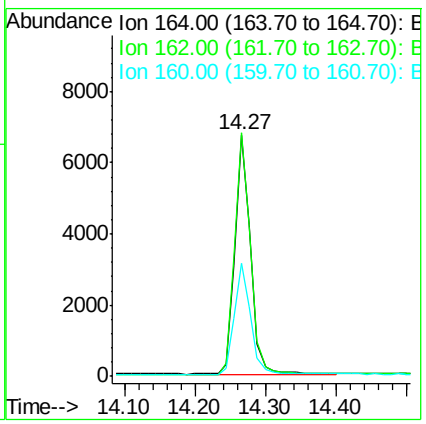




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:164 Resp: 10480

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.0	120.0
160	46.7	37.0	55.4



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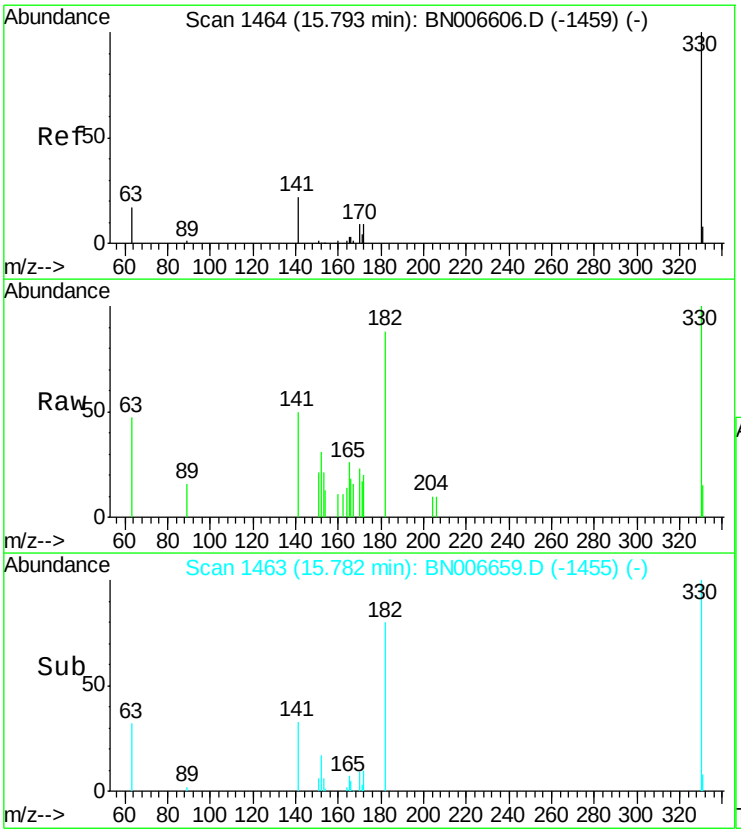
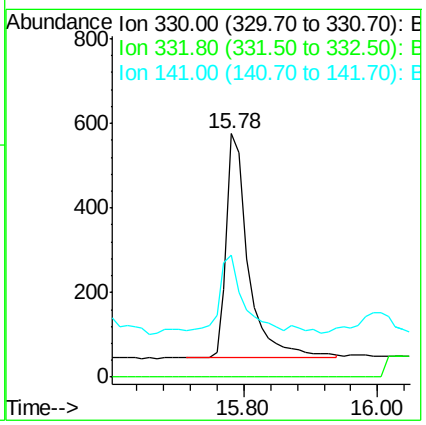
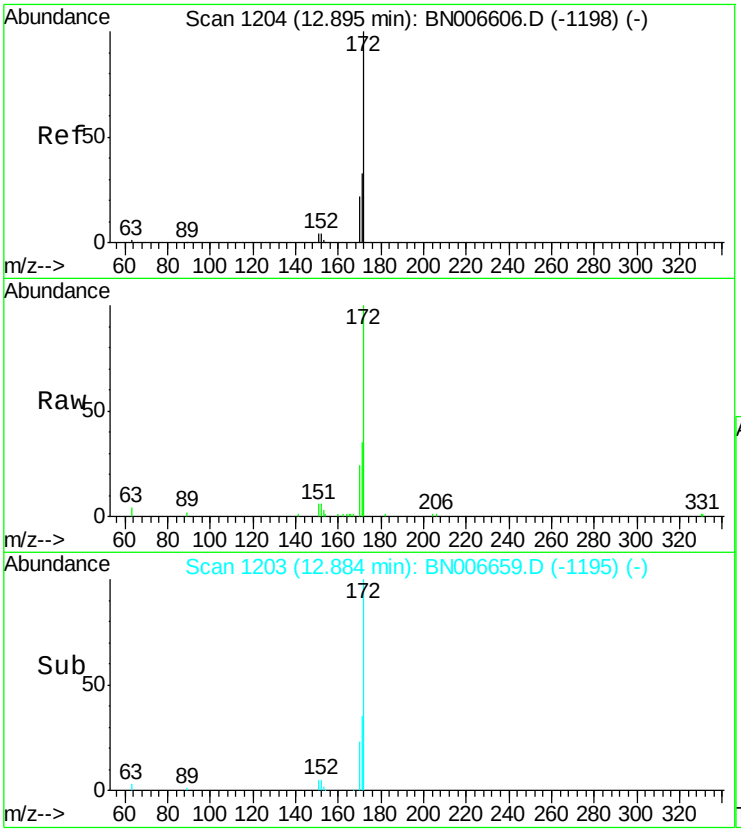


#14
2,4,6-Tribromophenol
Concen: 0.245 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:330 Resp: 1210

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.3	26.5	39.7

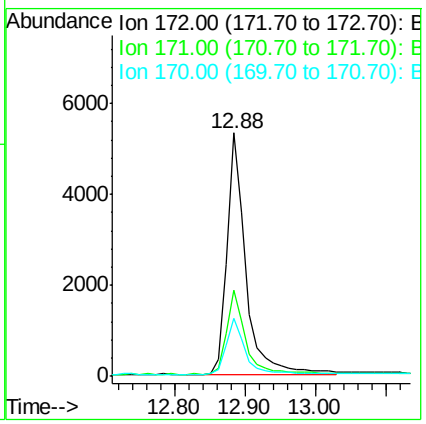




#15
2-Fluorobiphenyl
Concen: 0.257 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:172 Resp: 9973

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.0	40.4
170	23.6	17.7	26.5



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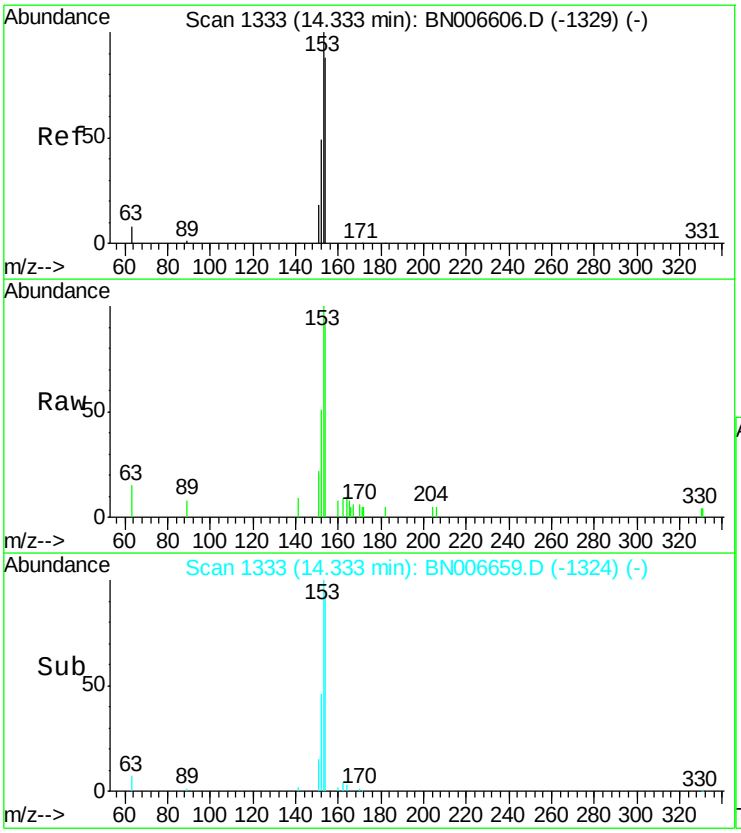
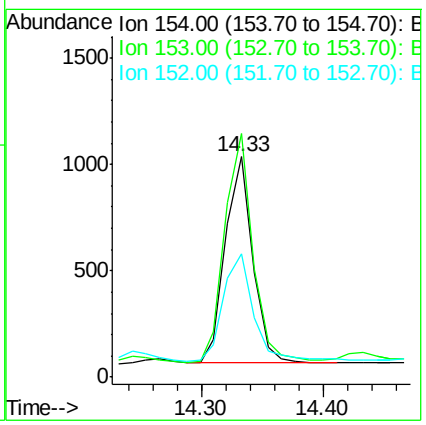
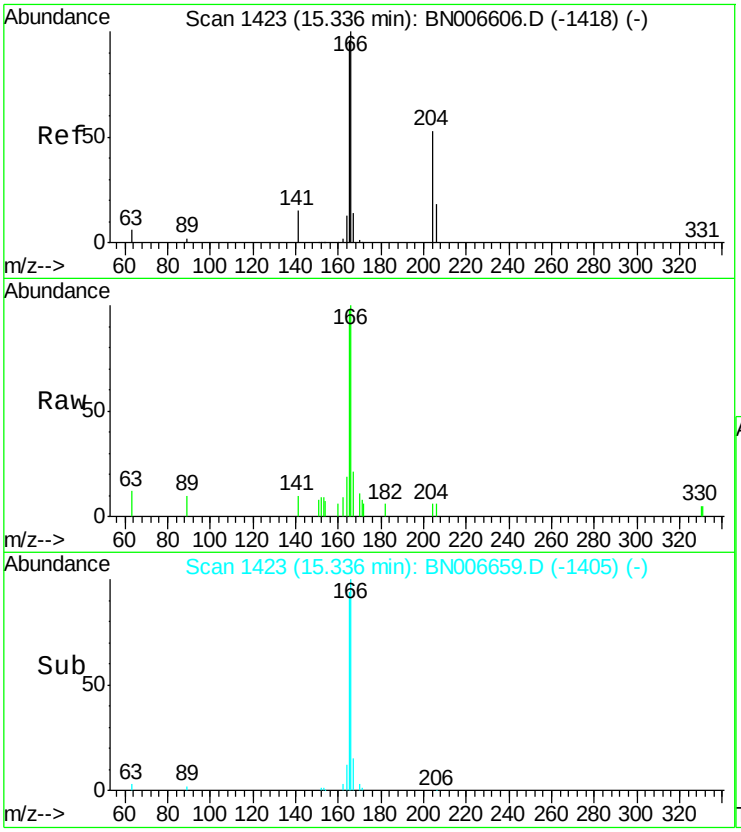


#17
Acenaphthene
Concen: 0.046 ng
RT: 14.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:154 Resp: 1521

Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.2	135.4
152	58.3	44.2	66.4

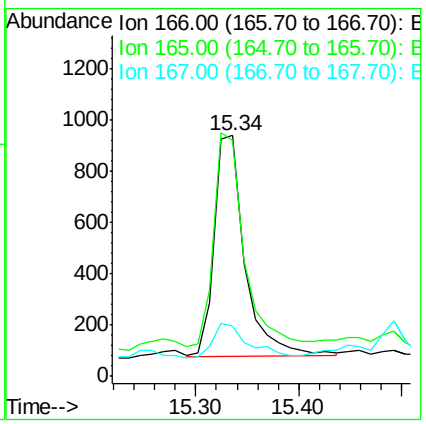




#18
Fluorene
Concen: 0.043 ng
RT: 15.34 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:166 Resp: 1772

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.4	117.6
167	17.9	10.8	16.2#



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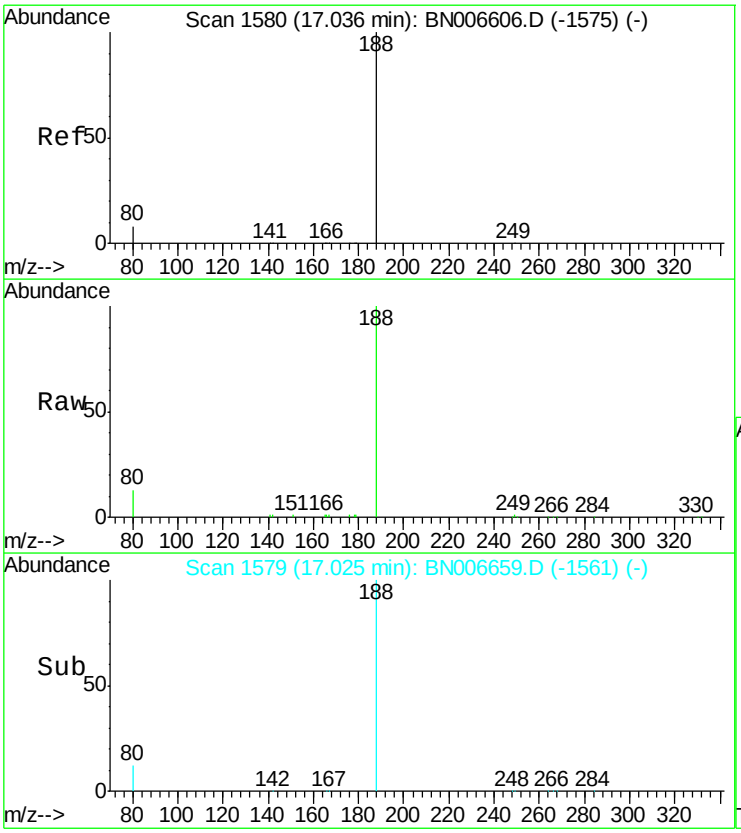
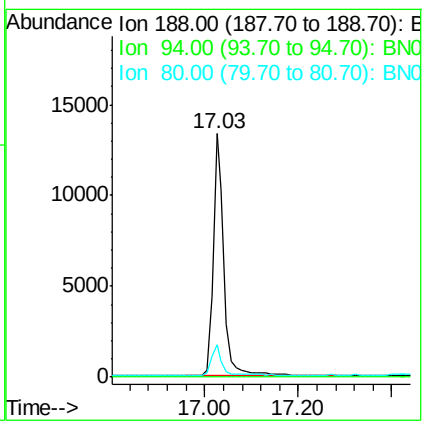
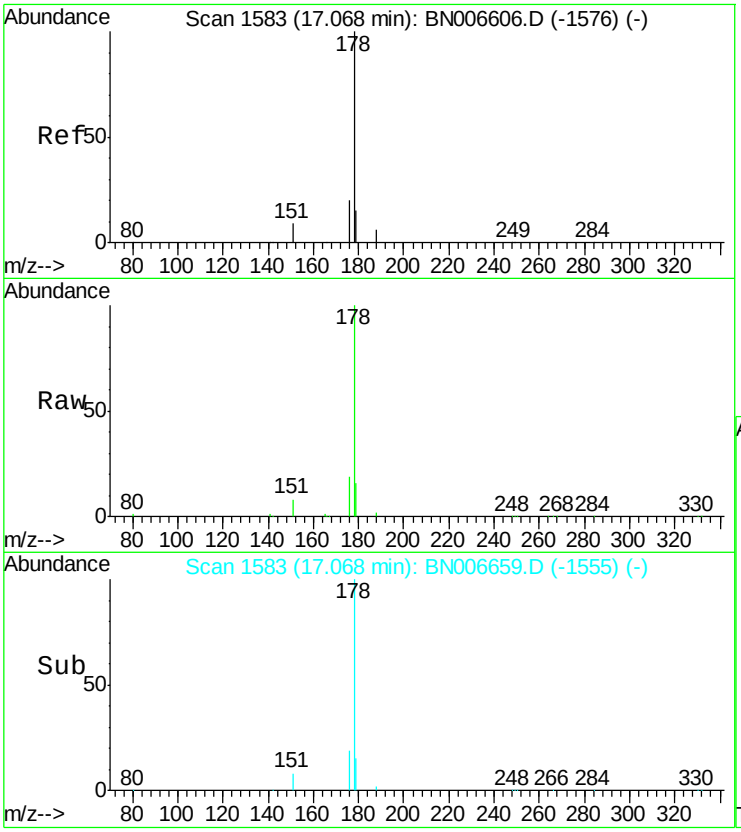


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:188 Resp: 22009

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	7.1	10.7#

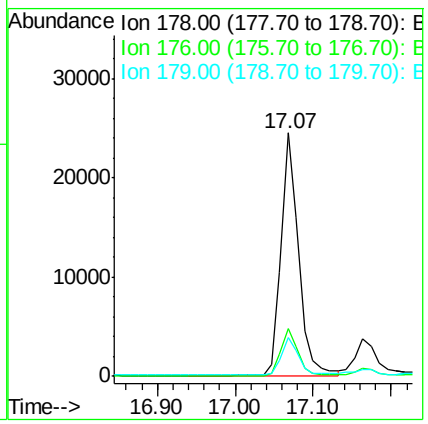




#23
Phenanthrene
Concen: 0.608 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:178 Resp: 38023

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.3	12.2	18.4



Instrument :
BNA_N
ClientSampleId :
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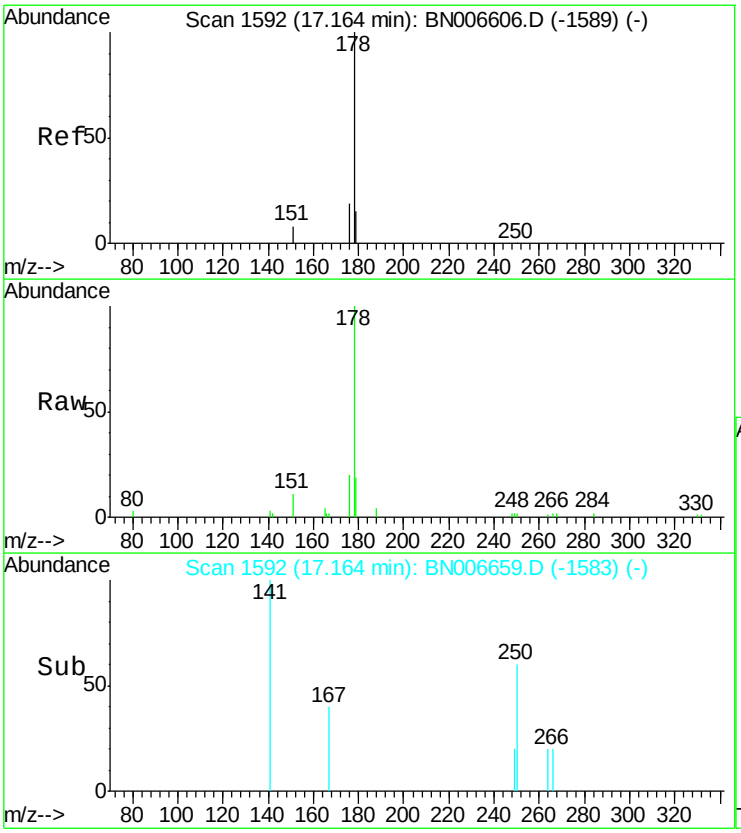
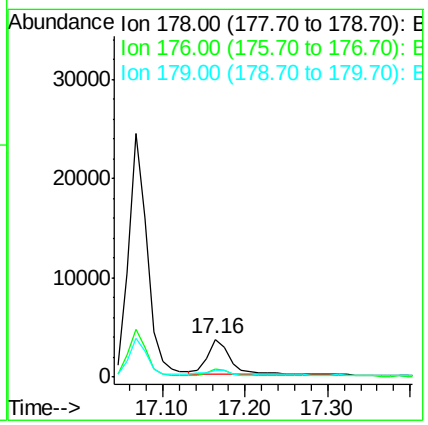
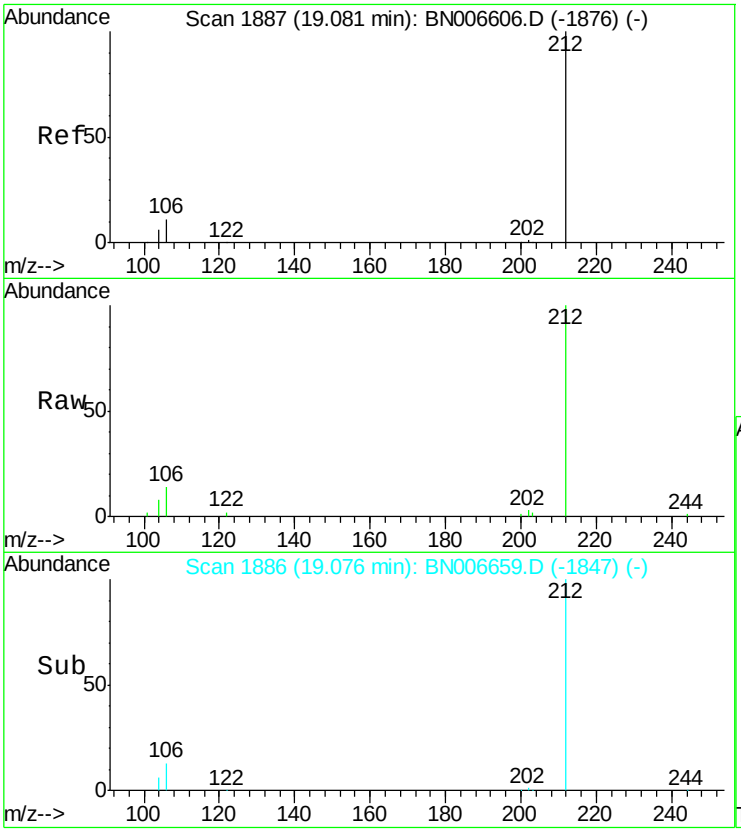


#24
Anthracene
Concen: 0.129 ng
RT: 17.16 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:178 Resp: 7026

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	13.8	12.2	18.2

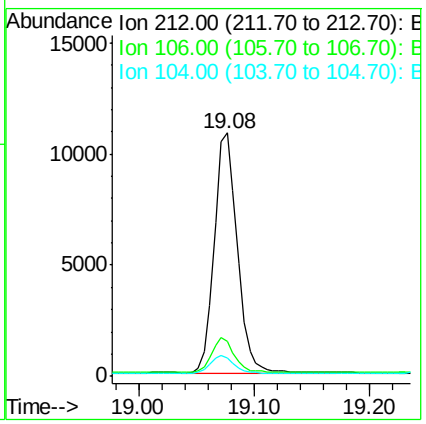




#25
Fluoranthene-d10
Concen: 0.231 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:212 Resp: 14916

Ion	Ratio	Lower	Upper
212	100		
106	13.9	10.6	15.8
104	8.1	5.8	8.6



Instrument :
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ClientSampleId :
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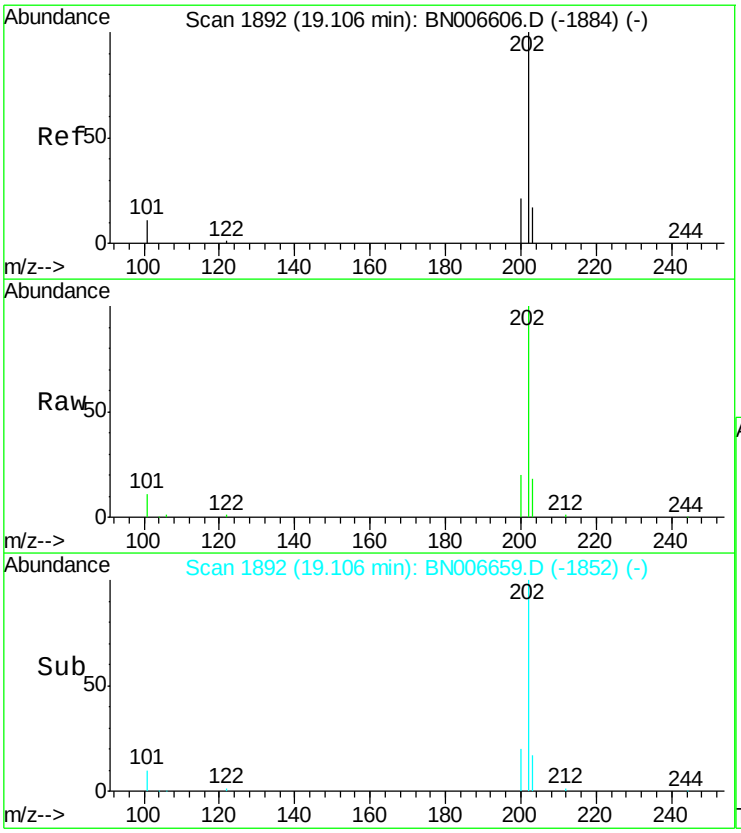
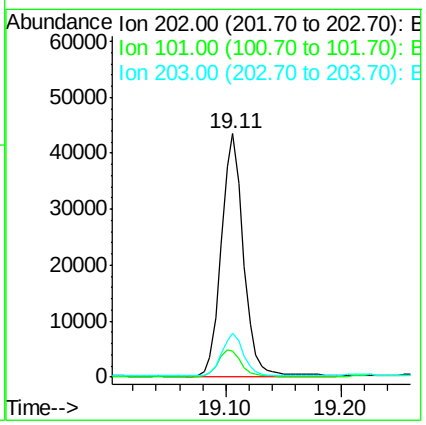
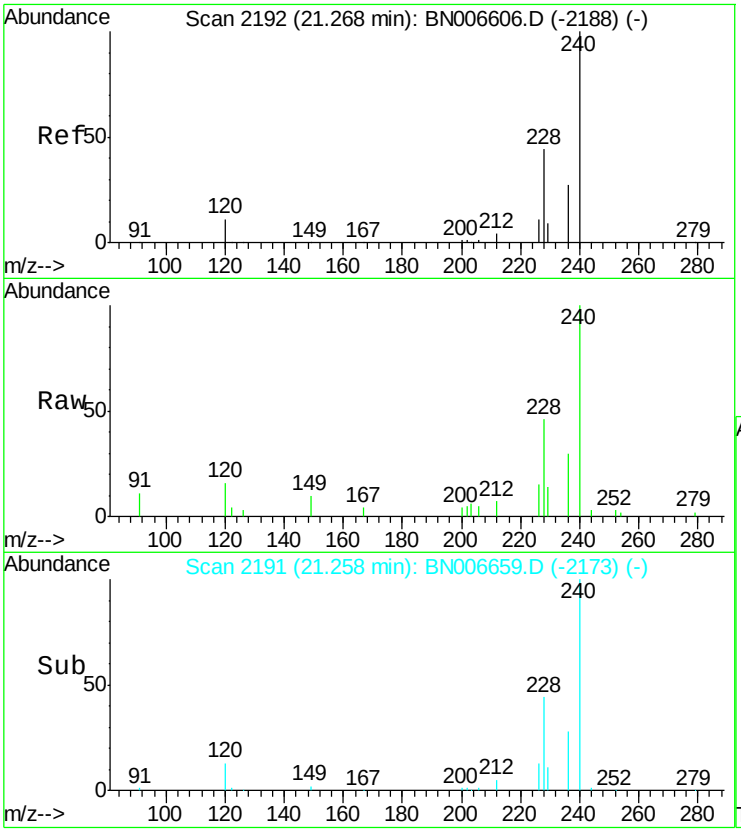


#26
Fluoranthene
Concen: 0.760 ng
RT: 19.11 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:202 Resp: 57827

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.9	13.3
203	17.2	13.6	20.4

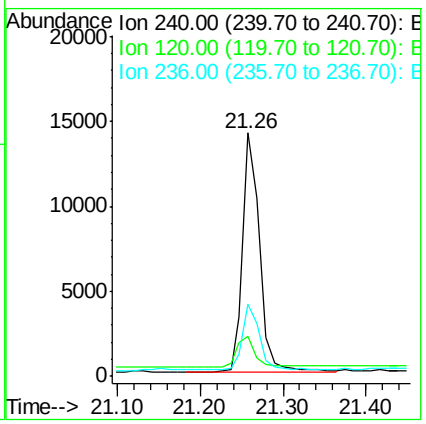




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:240 Resp: 20015

Ion	Ratio	Lower	Upper
240	100		
120	16.3	9.9	14.9#
236	29.8	22.2	33.4



Instrument :
BNA_N
ClientSampleId :
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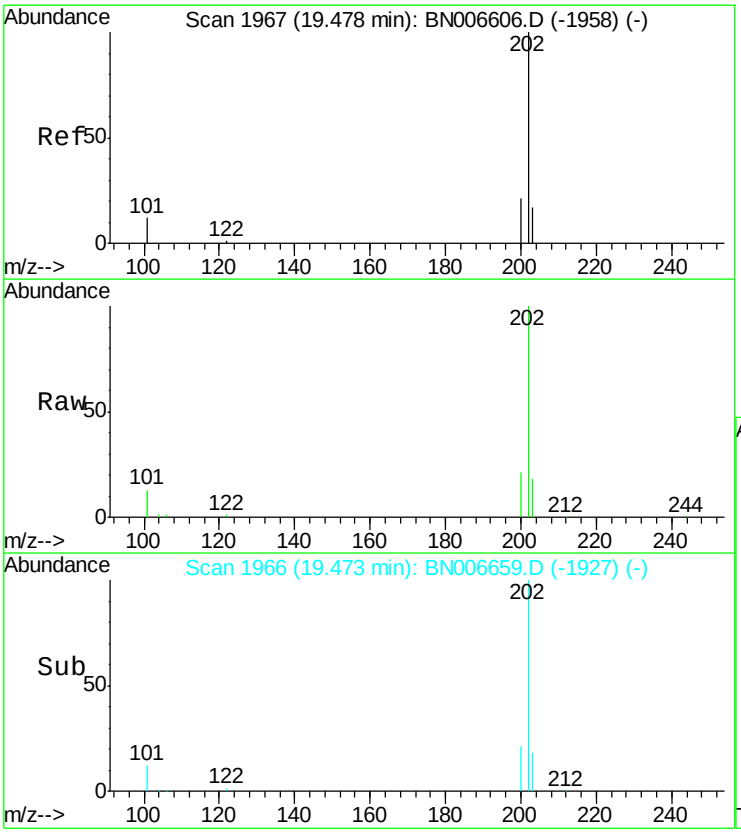
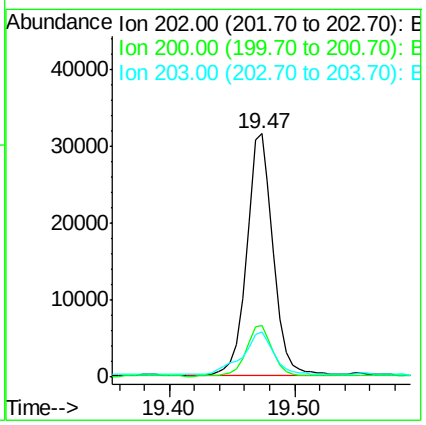
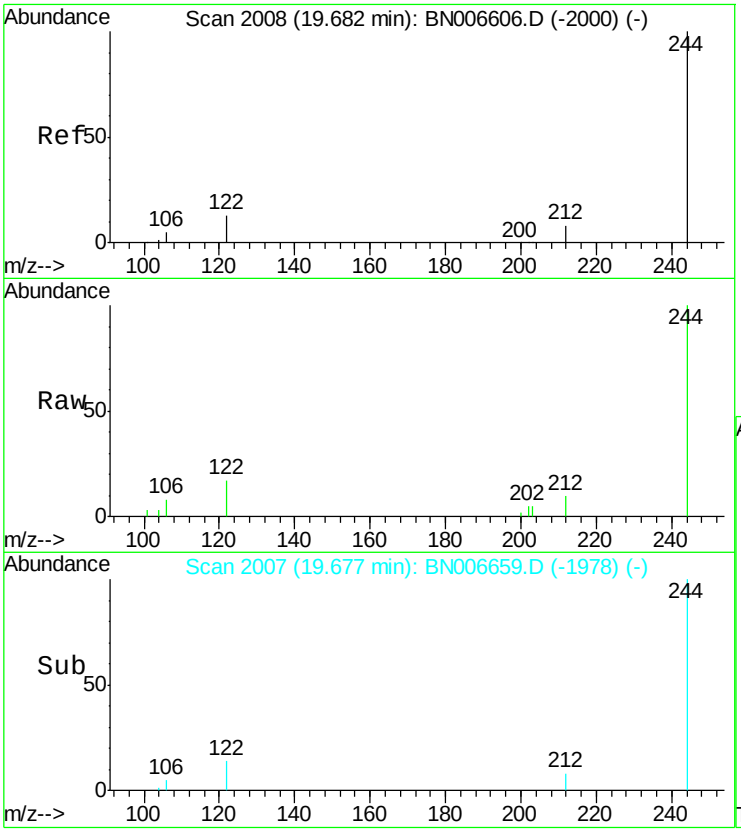


#28
Pyrene
Concen: 0.661 ng
RT: 19.47 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:202 Resp: 46266

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	21.1	14.1	21.1





#29
Terphenyl-d14
Concen: 0.240 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:244 Resp: 10056

Ion	Ratio	Lower	Upper
244	100		
212	9.5	6.7	10.1
122	17.0	11.0	16.6#

Instrument :
BNA_N
ClientSampleId :
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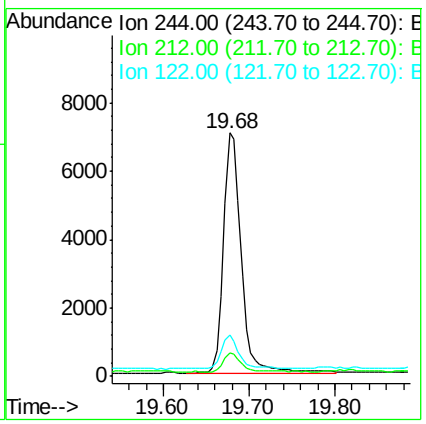
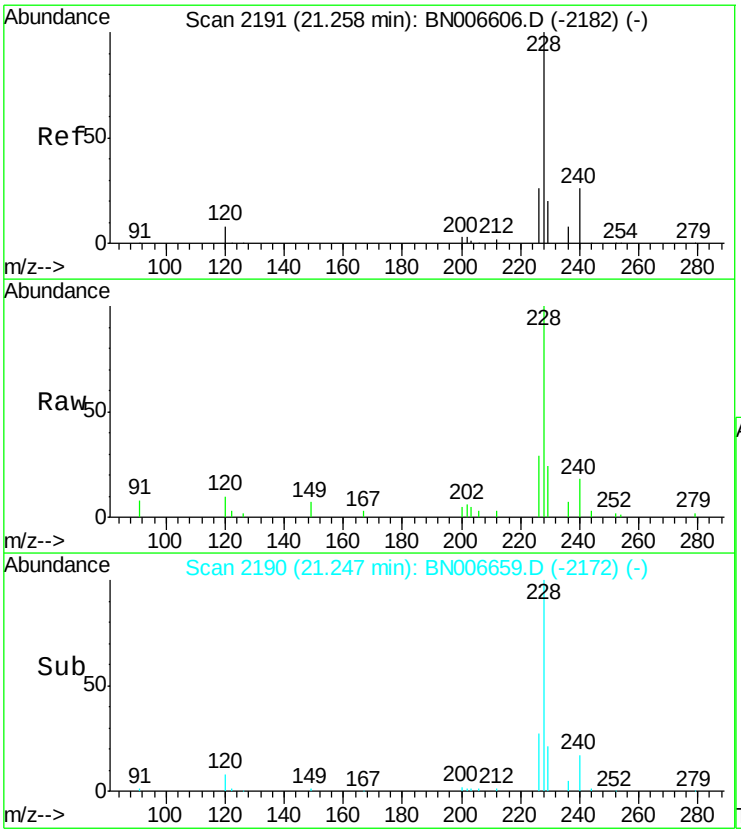
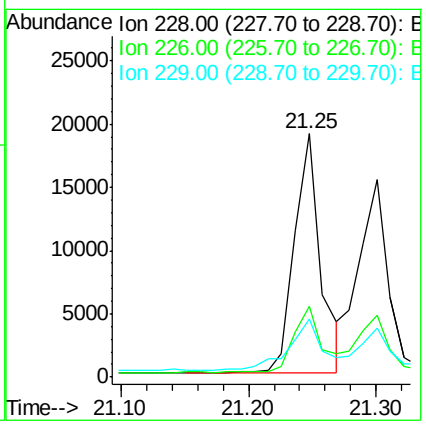


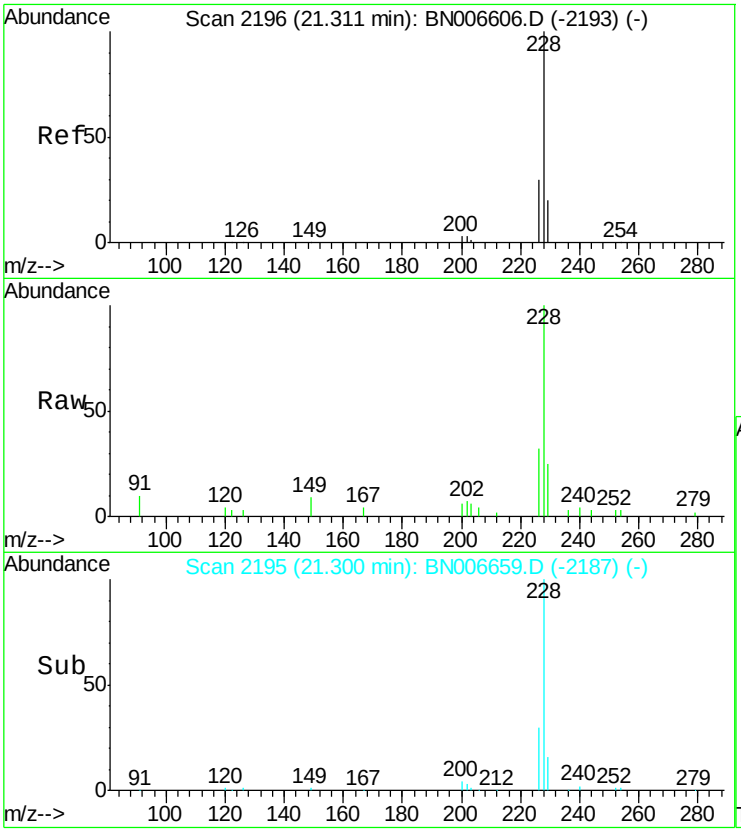


#30
Benzo(a)anthracene
Concen: 0.412 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:228 Resp: 26952

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.2	31.8
229	23.6	16.1	24.1





#31
Chrysene
Concen: 0.340 ng m
RT: 21.30 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:228 Resp: 23959

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.8	35.6
229	25.1	15.9	23.9#

Instrument :
BNA_N
ClientSampleId :
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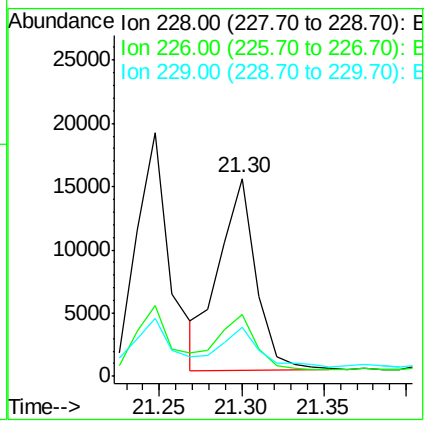
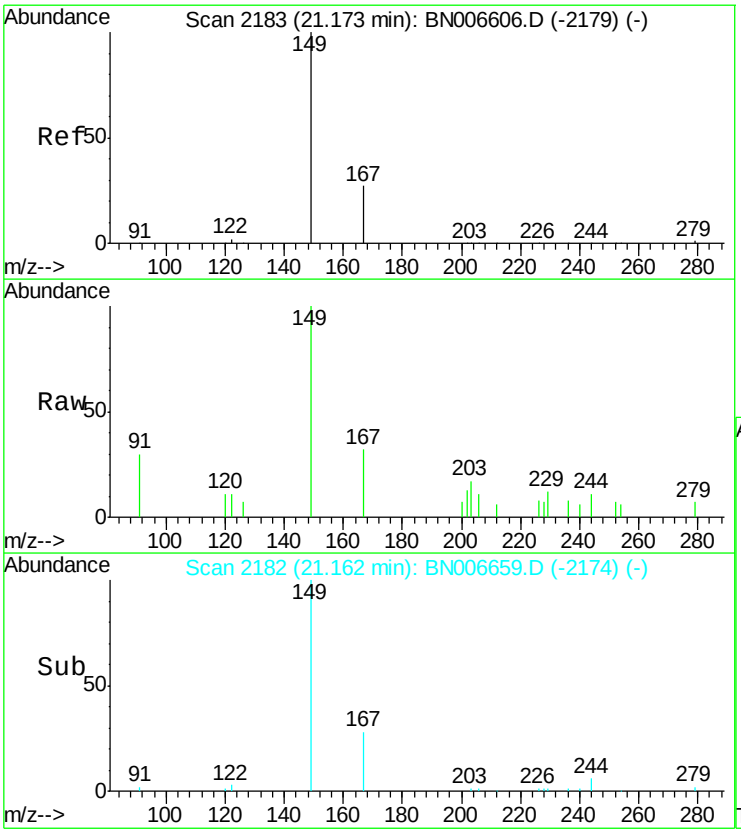
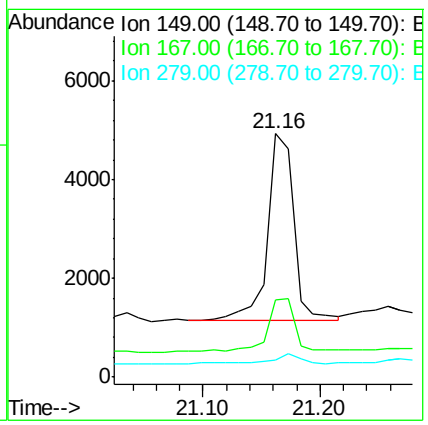


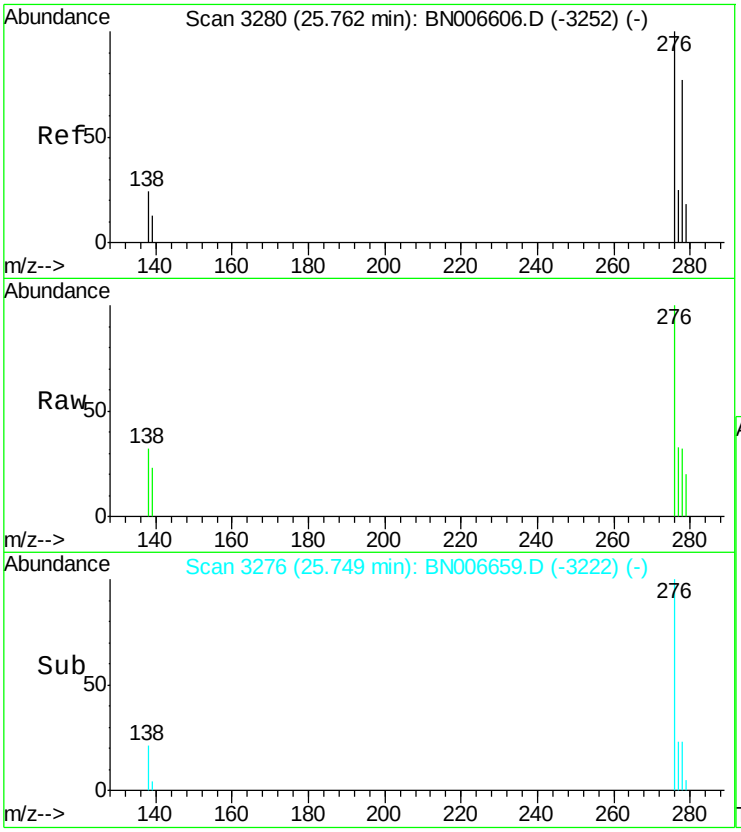


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.182 ng
RT: 21.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:149 Resp: 5980

Ion	Ratio	Lower	Upper
149	100		
167	29.7	22.9	34.3
279	4.9	3.3	4.9#

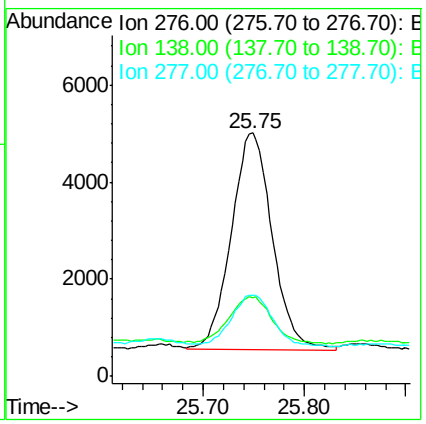




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.176 ng
RT: 25.75 min Scan# 3276
Delta R.T. -0.01 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:276 Resp: 12600

Ion	Ratio	Lower	Upper
276	100		
138	22.2	19.3	28.9
277	24.0	19.9	29.9



Instrument :
BNA_N
ClientSampleId :
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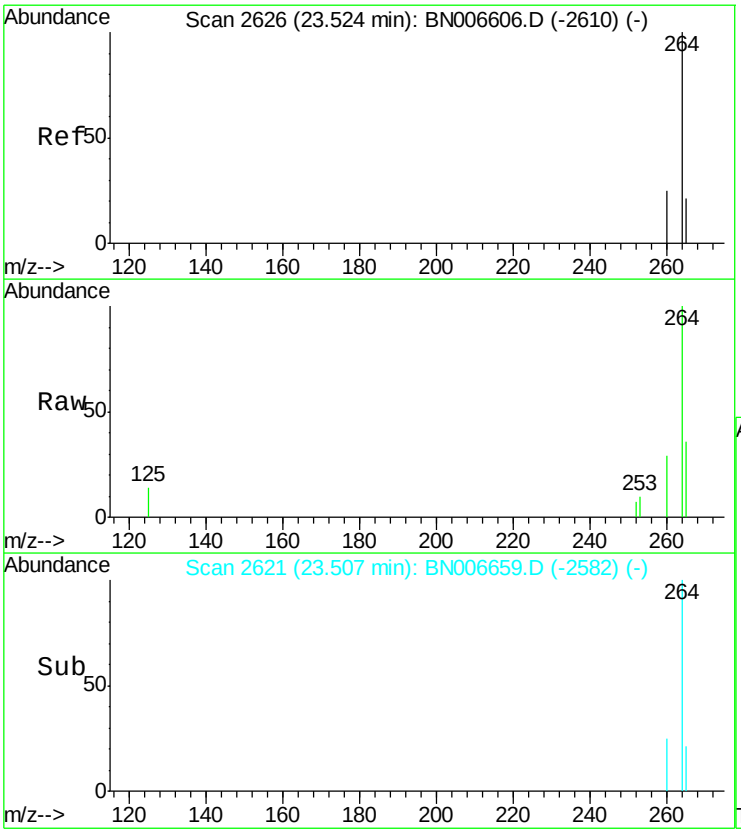
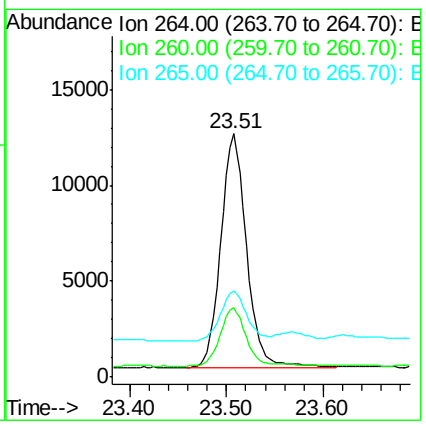
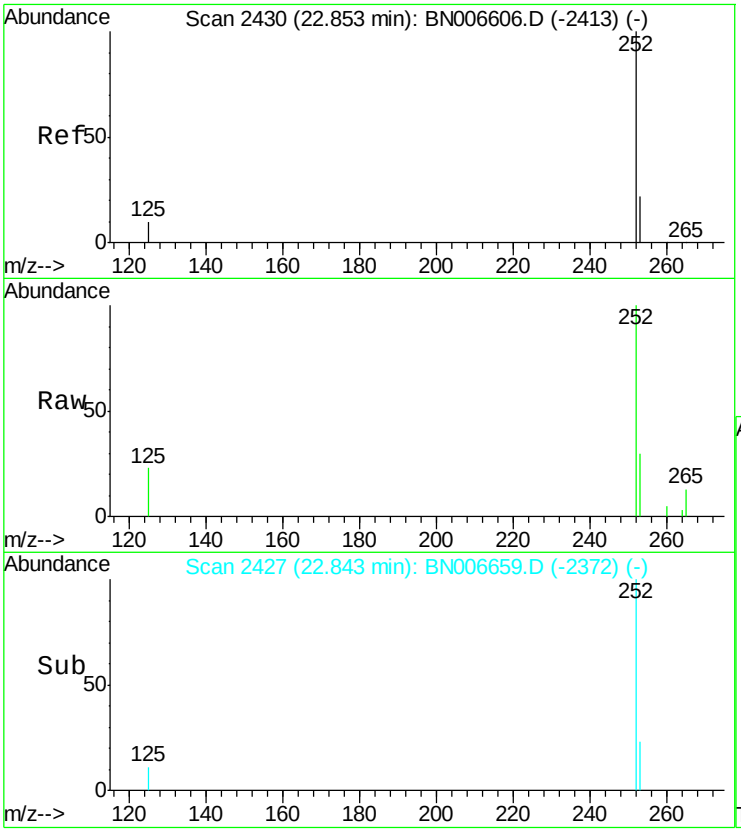


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.51 min Scan# 2621
Delta R.T. -0.02 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:264 Resp: 22530

Ion	Ratio	Lower	Upper
264	100		
260	28.6	20.2	30.2
265	35.5	23.3	34.9#





#35
Benzo(b)fluoranthene
Concen: 0.379 ng
RT: 22.84 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:252 Resp: 29050

Ion	Ratio	Lower	Upper
252	100		
253	30.1	18.4	27.6#
125	23.3	8.7	13.1#

Instrument :
BNA_N
ClientSampleId :
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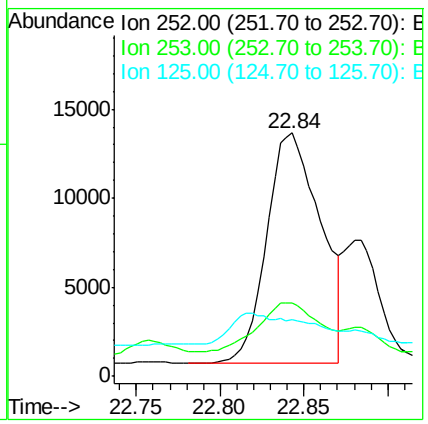
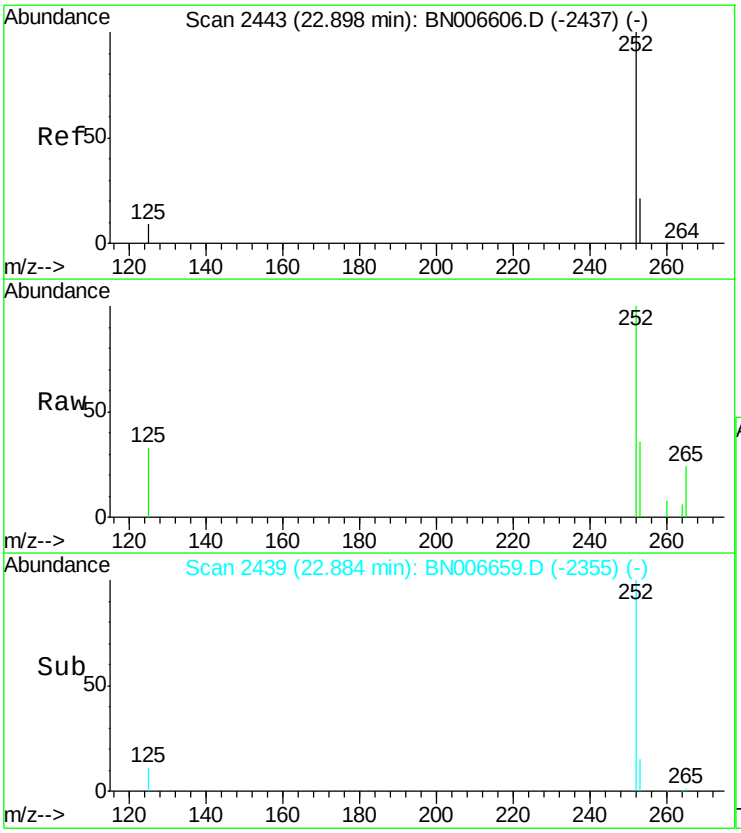
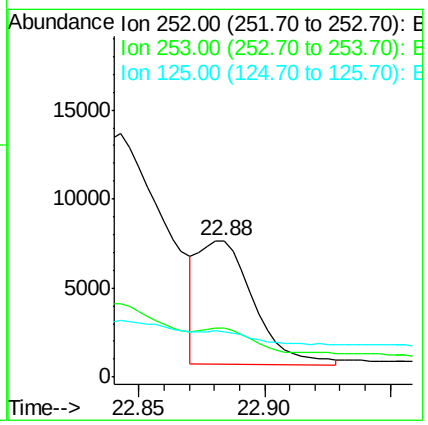


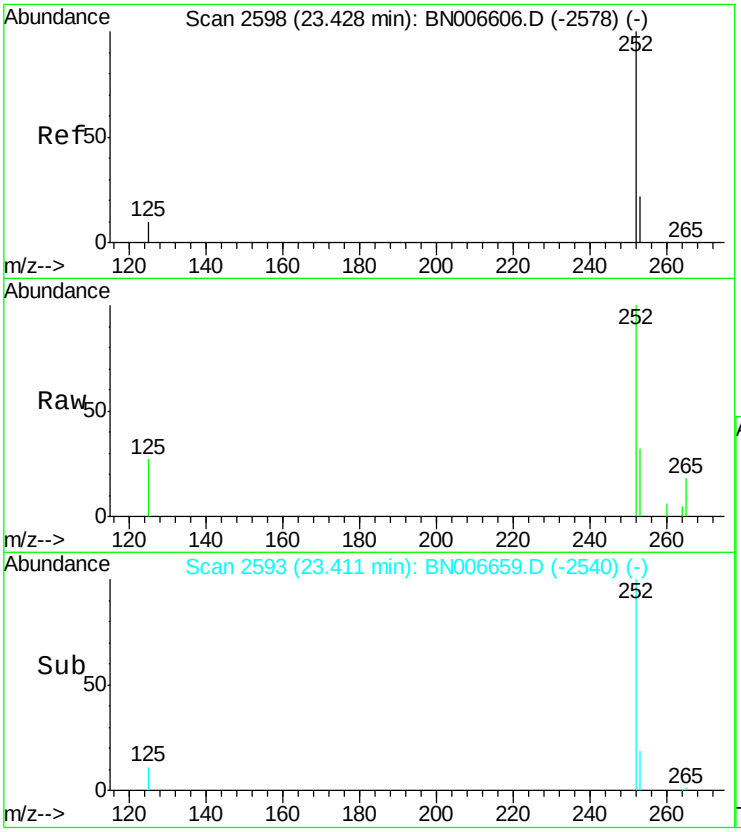


#36
Benzo(k)fluoranthene
Concen: 0.130 ng m
RT: 22.88 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:252 Resp: 10661

Ion	Ratio	Lower	Upper
252	100		
253	36.2	18.3	27.5#
125	33.1	8.4	12.6#

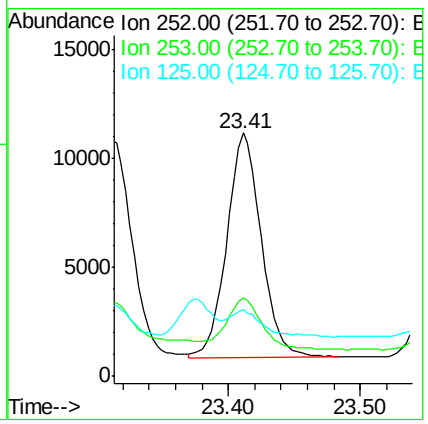




#37
Benzo(a)pyrene
Concen: 0.262 ng
RT: 23.41 min Scan# 2593
Delta R.T. -0.02 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:252 Resp: 18737

Ion	Ratio	Lower	Upper
252	100		
253	32.3	18.8	28.2#
125	27.5	9.4	14.2#



Instrument :
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ClientSampleId :
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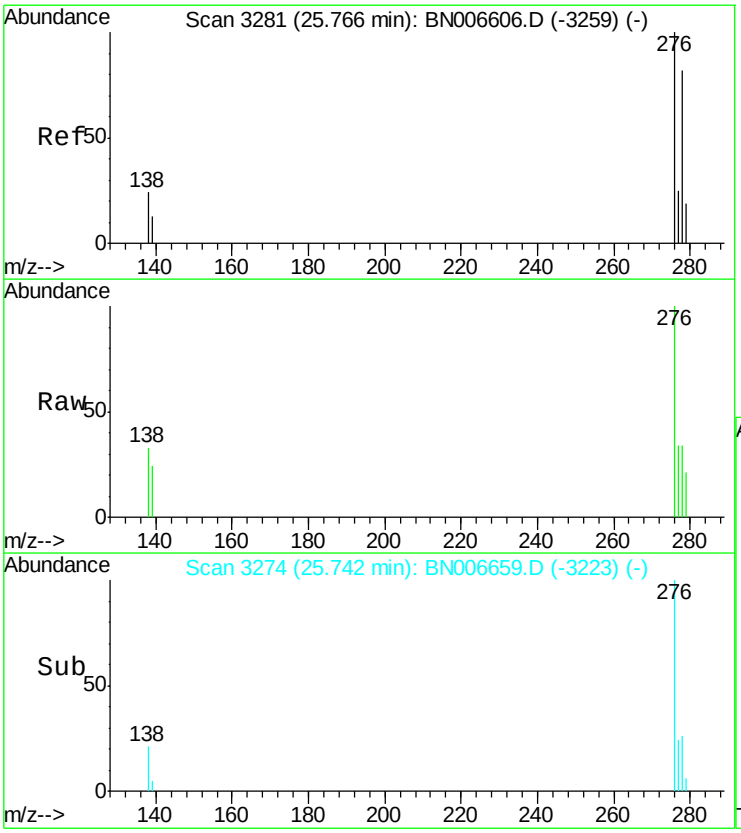
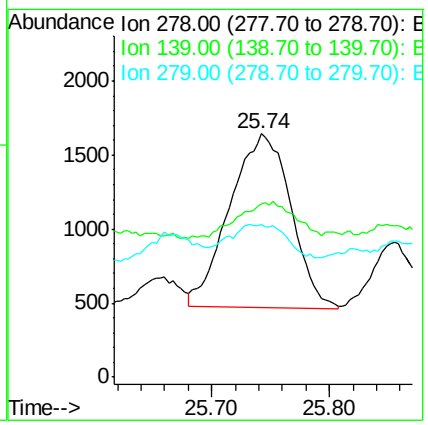
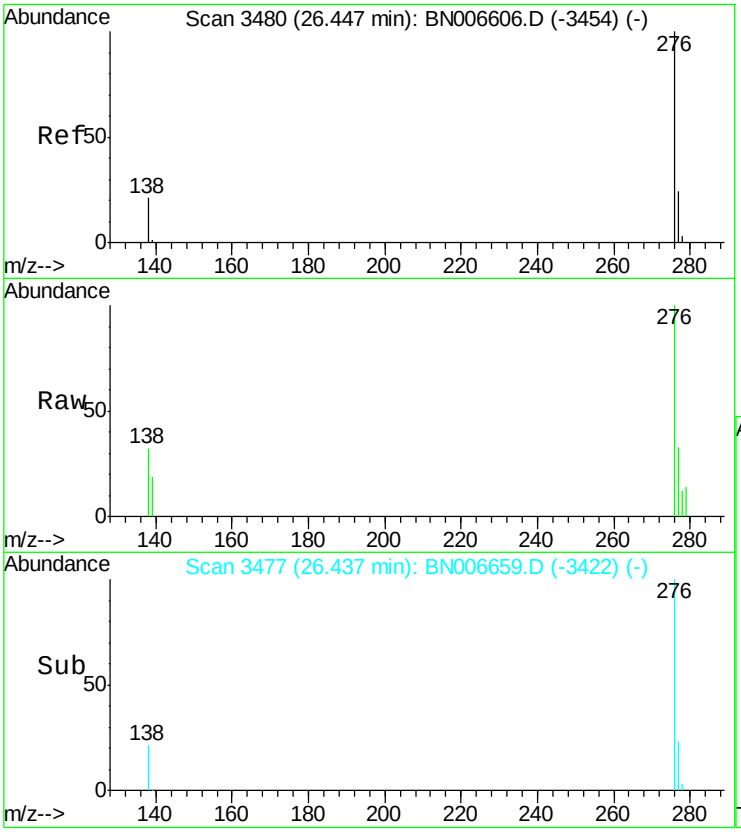


#38
Dibenzo(a,h)anthracene
Concen: 0.067 ng
RT: 25.74 min Scan# 3274
Delta R.T. -0.02 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:278 Resp: 4213

Ion	Ratio	Lower	Upper
278	100		
139	71.2	13.5	20.3#
279	62.8	19.4	29.2#

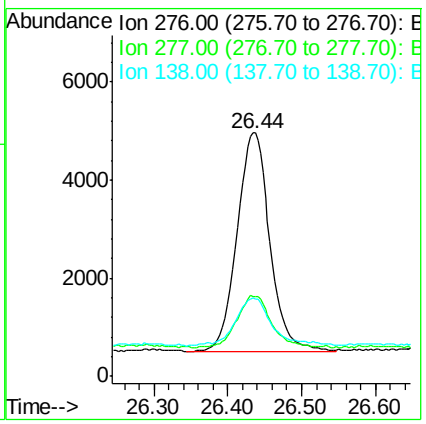




#39
Benzo(g,h,i)perylene
Concen: 0.223 ng
RT: 26.44 min Scan# 3477
Delta R.T. -0.01 min
Lab File: BN006659.D
Acq: 01 Jul 2019 14:10

Tgt Ion:276 Resp: 13937

Ion	Ratio	Lower	Upper
276	100		
277	32.8	19.6	29.4#
138	31.9	17.7	26.5#



Instrument :
BNA_N
ClientSampleId :
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