Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
Data File : BN007191.D
Acq On : 15 Aug 2019 11:57
Operator : HP/JU
Sample : K4144-10 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 16 02:39:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	7152	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	27590	0.40	ng		0.00
12) Acenaphthene-d10	14.06	164	16360	0.40	ng		-0.01
18) Phenanthrene-d10	16.82	188	37467	0.40	ng		0.00
26) Chrysene-d12	21.05	240	38807	0.40	ng		-0.01
32) Perylene-d12	23.15	264	44580	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.05	112	472	0.03	ng		0.00
4) Phenol-d6	6.61	99	799	0.04	ng		0.00
7) Nitrobenzene-d5	8.55	82	653	0.03	ng		-0.01
10) 2-Methylnaphthalene-d10	11.78	152	1079	0.02	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	205	0.02	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	318	0.01	ng		0.00
24) Fluoranthene-d10	18.87	212	2418	0.02	ng		0.00
28) Terphenyl-d14	19.48	244	2501	0.02	ng		-0.02
Target Compounds							Qvalue
8) Naphthalene	10.22	128	16618	0.215	ng		98
11) 2-Methylnaphthalene	11.86	142	35918	0.655	ng		99
15) Acenaphthylene	13.79	152	202684	2.370	ng		98
16) Acenaphthene	14.13	154	26232	0.479	ng		96
17) Fluorene	15.12	166	106574	1.300	ng		93
22) Phenanthrene	16.87	178	994620	8.858	ng		100
23) Anthracene	16.95	178	166980	1.628	ng		99
25) Fluoranthene	18.90	202	680157	4.735	ng		98
27) Pyrene	19.26	202	1146443	8.424	ng		99
29) Benzo(a)anthracene	21.08	228	517703	3.648	ng		95
30) Chrysene	21.08	228	517207	3.751	ng		98
31) Indeno(1,2,3-cd)pyrene	25.23	276	173495	1.142	ng		99
33) Benzo(b)fluoranthene	22.53	252	479119	3.134	ng		99
34) Benzo(k)fluoranthene	22.53	252	479119	3.174	ng		99
35) Benzo(a)pyrene	23.07	252	375672	2.711	ng		99
36) Dibenzo(a,h)anthracene	25.24	278	63764	0.461	ng	#	87
37) Benzo(g,h,i)perylene	25.86	276	217188	1.527	ng		100

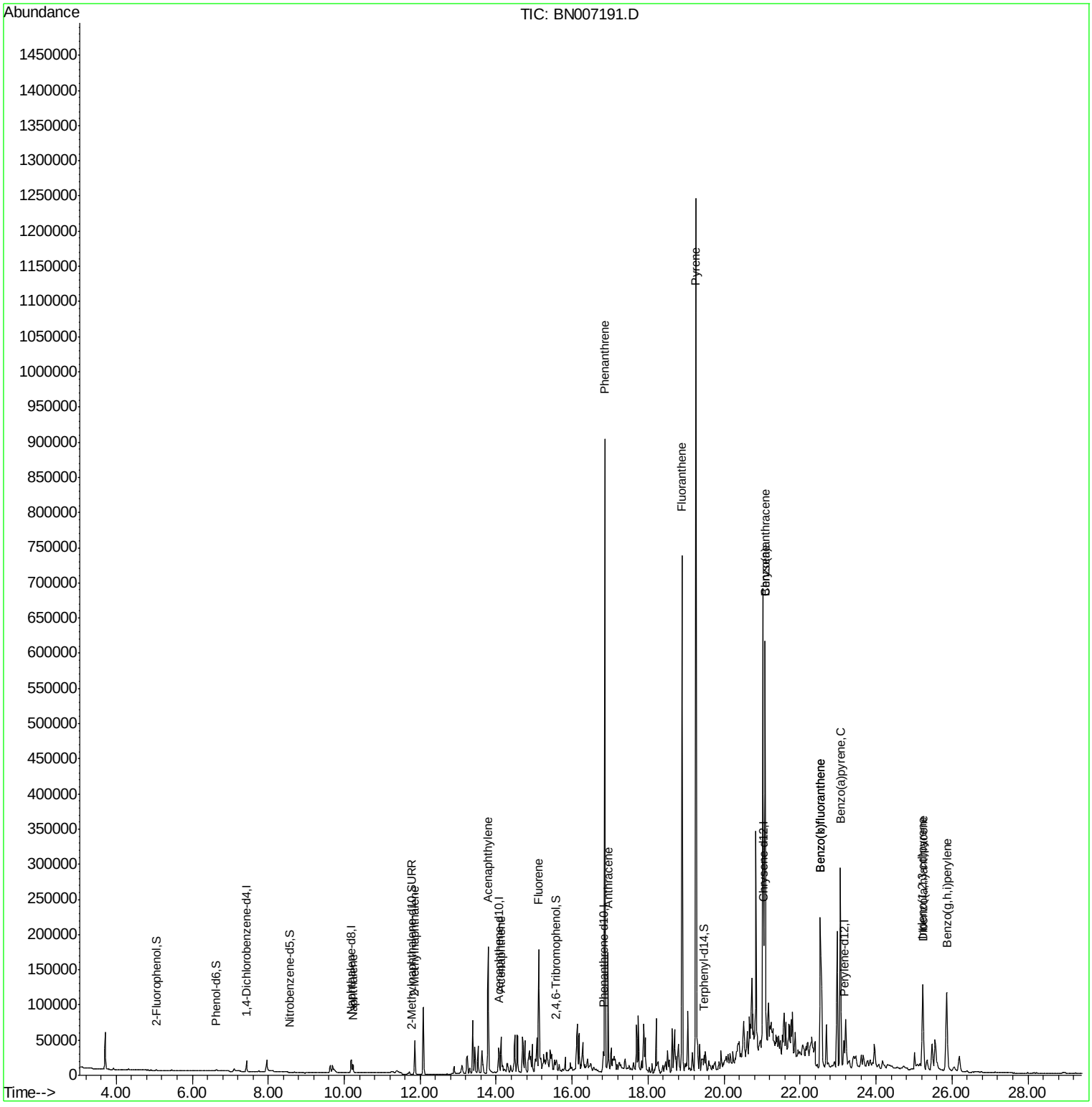
(#) = qualifier out of range (m) = manual integration (+) = signals summed

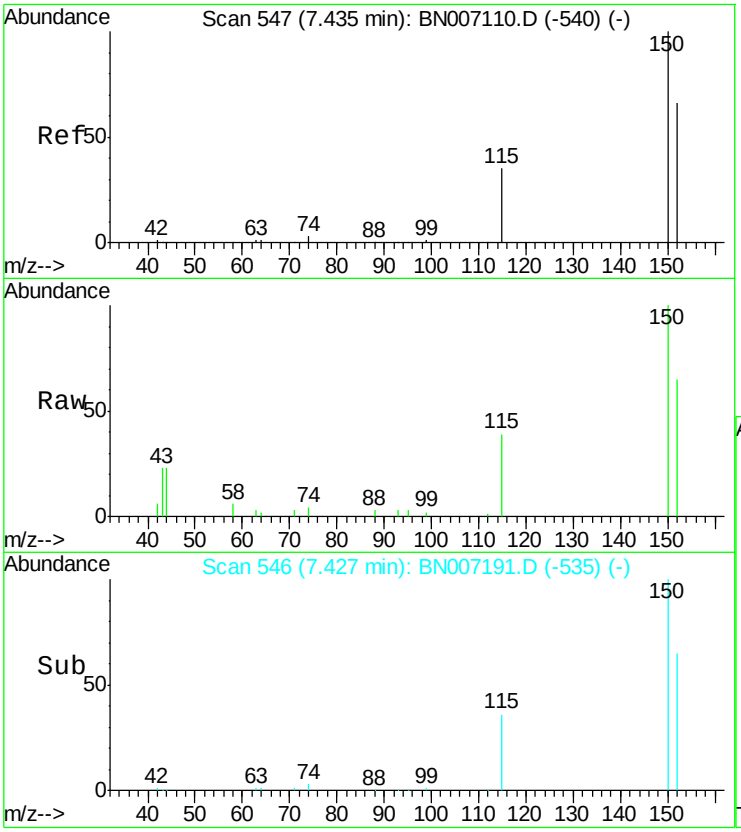
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
Data File : BN007191.D
Acq On : 15 Aug 2019 11:57
Operator : HP/JU
Sample : K4144-10 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 16 02:39:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration



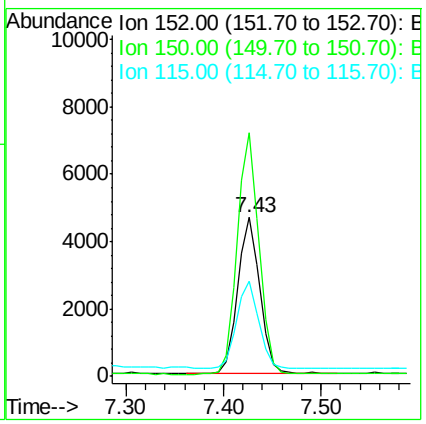


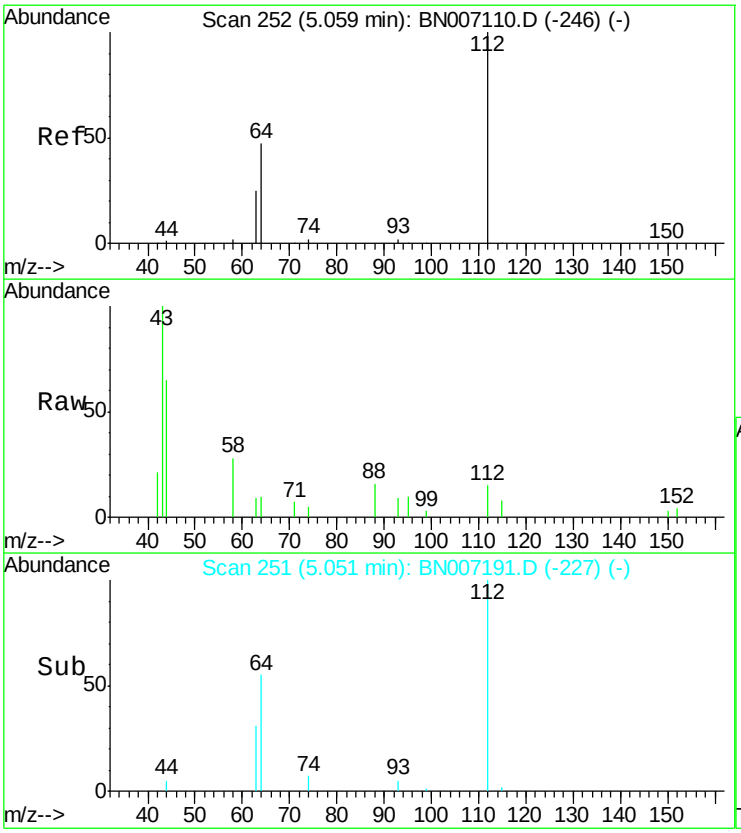
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7152

Ion	Ratio	Lower	Upper
152	100		
150	153.3	121.7	182.5
115	59.7	46.2	69.4

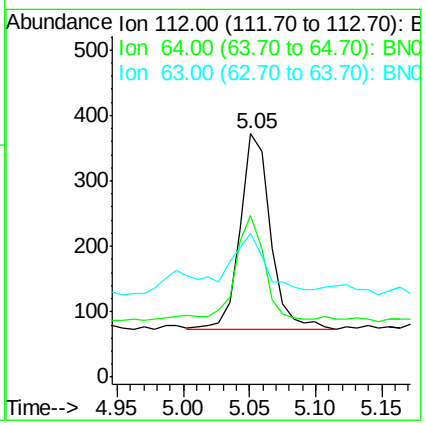


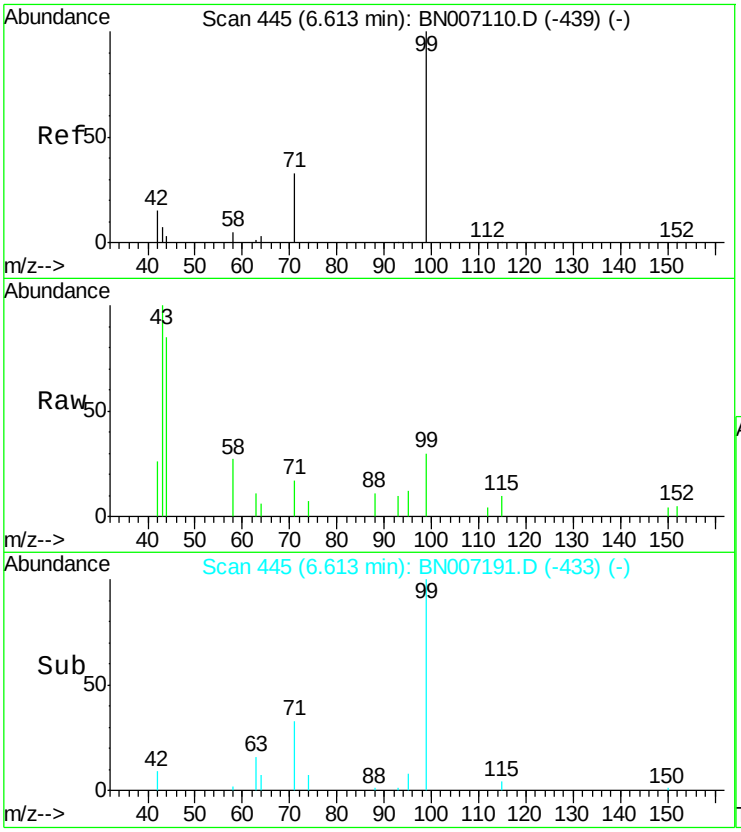


#3
2-Fluorophenol
Concen: 0.027 ng
RT: 5.05 min Scan# 251
Delta R.T. -0.01 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Tgt Ion:112 Resp: 472

Ion	Ratio	Lower	Upper
112	100		
64	53.8	42.6	63.8
63	37.7	22.2	33.2#



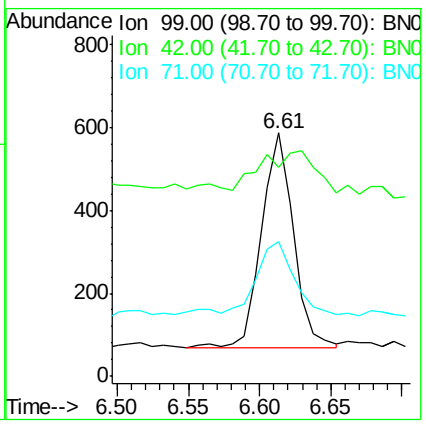


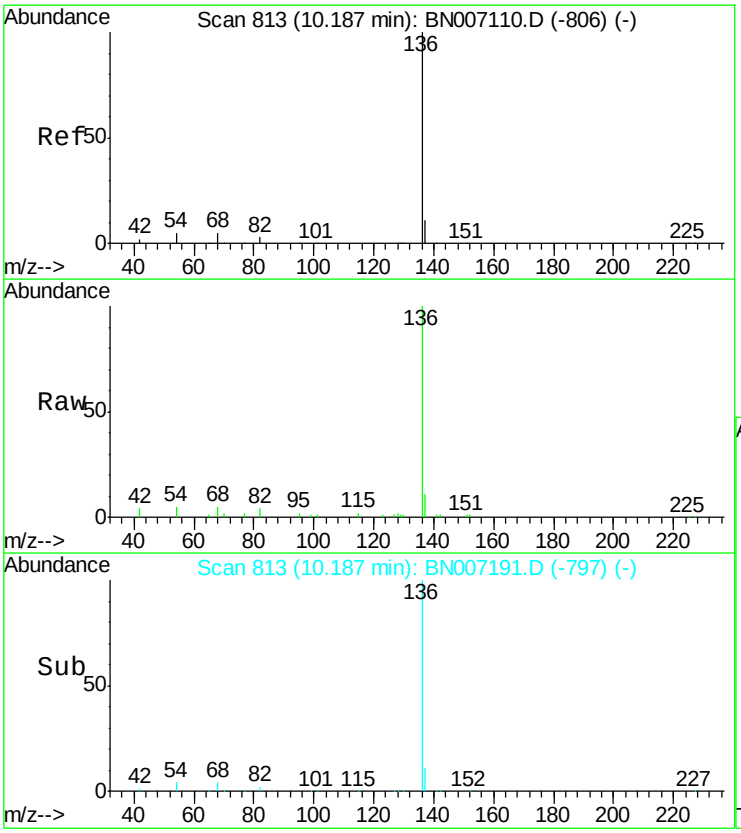
#4
Phenol-d6
Concen: 0.038 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 799

Ion	Ratio	Lower	Upper
99	100		
42	37.8	15.8	23.6#
71	44.7	27.0	40.4#

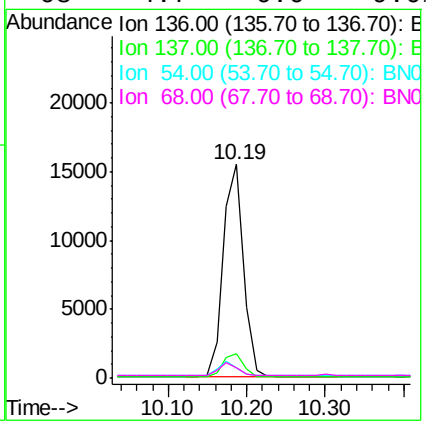


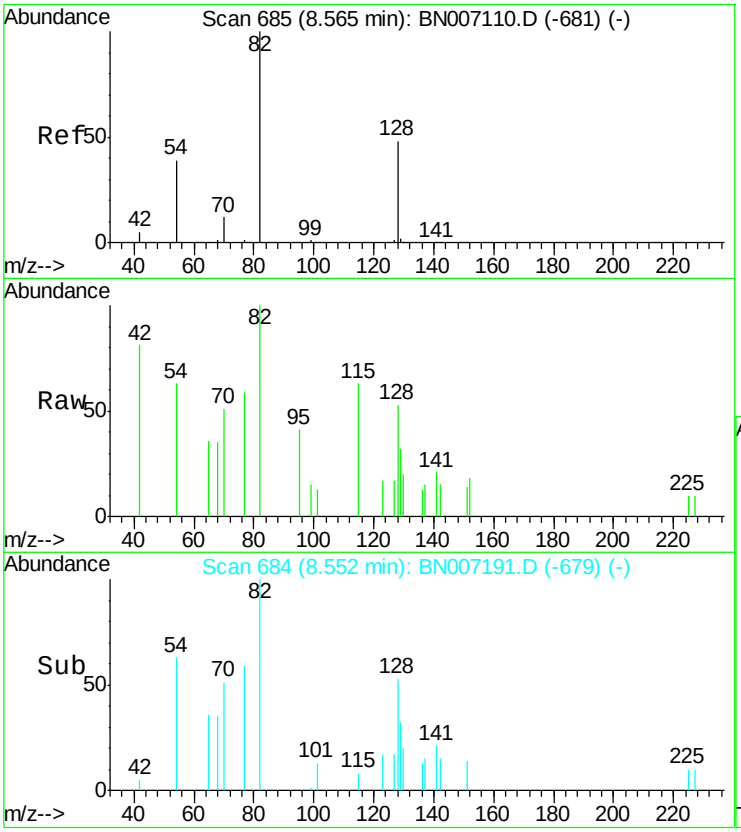


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Tgt Ion:136 Resp: 27590

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	4.8	6.6	9.8#
68	4.7	6.0	9.0#



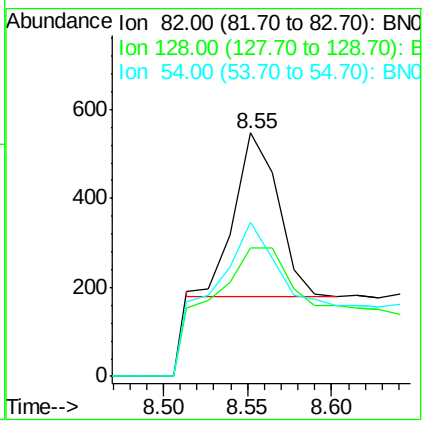


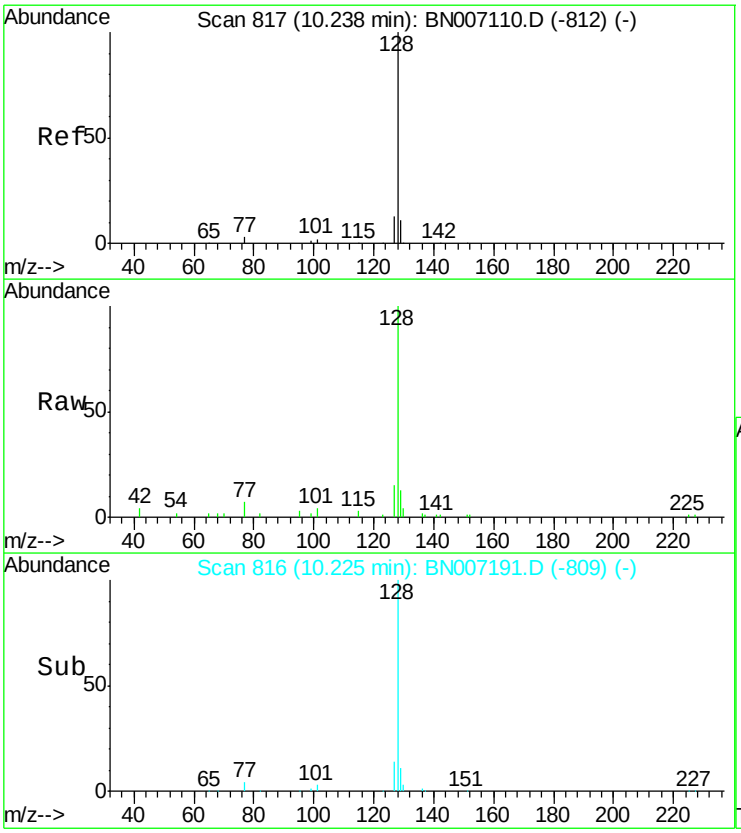
#7
Nitrobenzene-d5
Concen: 0.029 ng
RT: 8.55 min Scan# 684
Delta R.T. -0.01 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 653

Ion	Ratio	Lower	Upper
82	100		
128	52.8	34.6	51.8#
54	63.3	36.2	54.4#

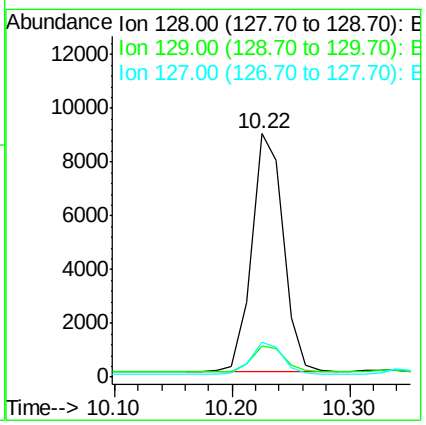


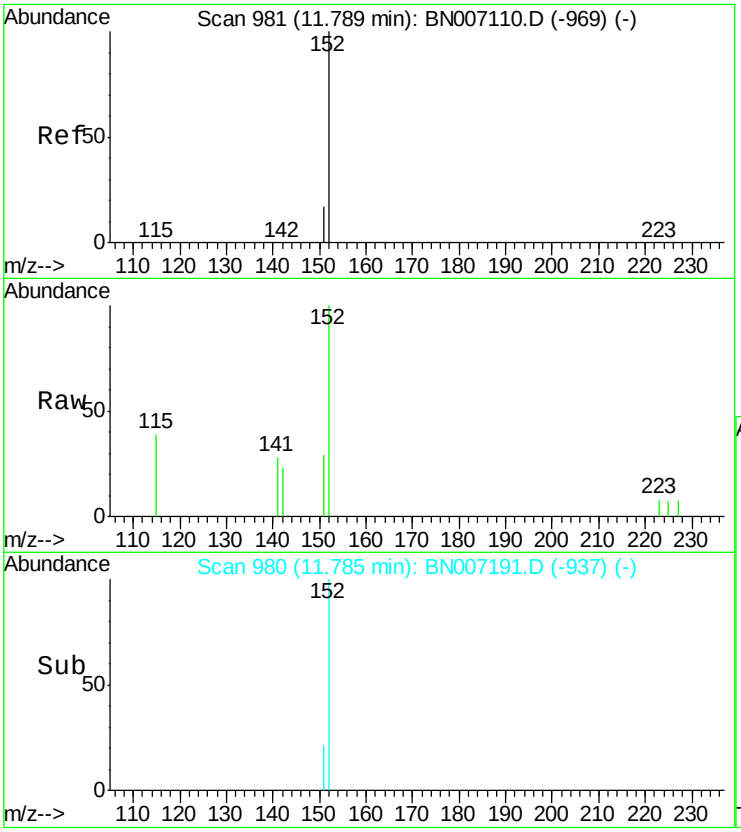


#8
Naphthalene
Concen: 0.215 ng
RT: 10.22 min Scan# 816
Delta R.T. -0.01 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Tgt Ion:128 Resp: 16618

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.4	14.2
127	14.6	11.0	16.6



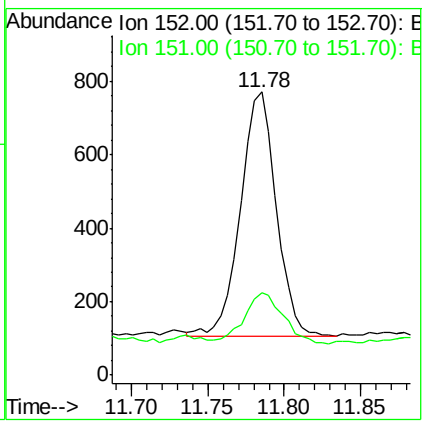


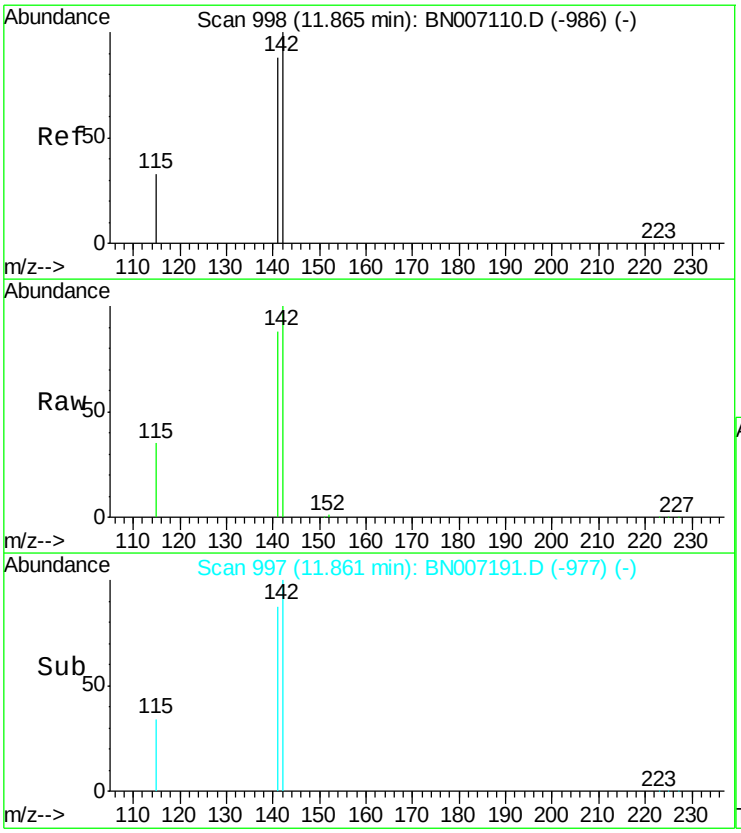
#10
2-Methylnaphthalene-d10
Concen: 0.021 ng
RT: 11.78 min Scan# 980
Delta R.T. -0.01 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1079

Ion	Ratio	Lower	Upper
152	100		
151	23.4	15.5	23.3#

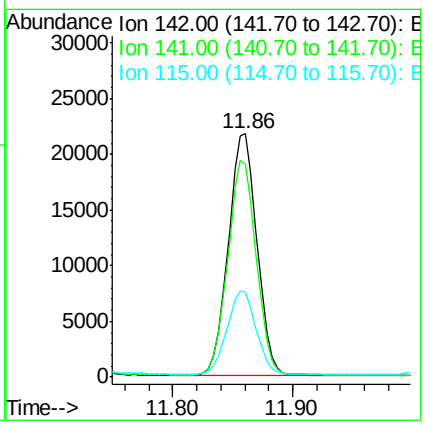


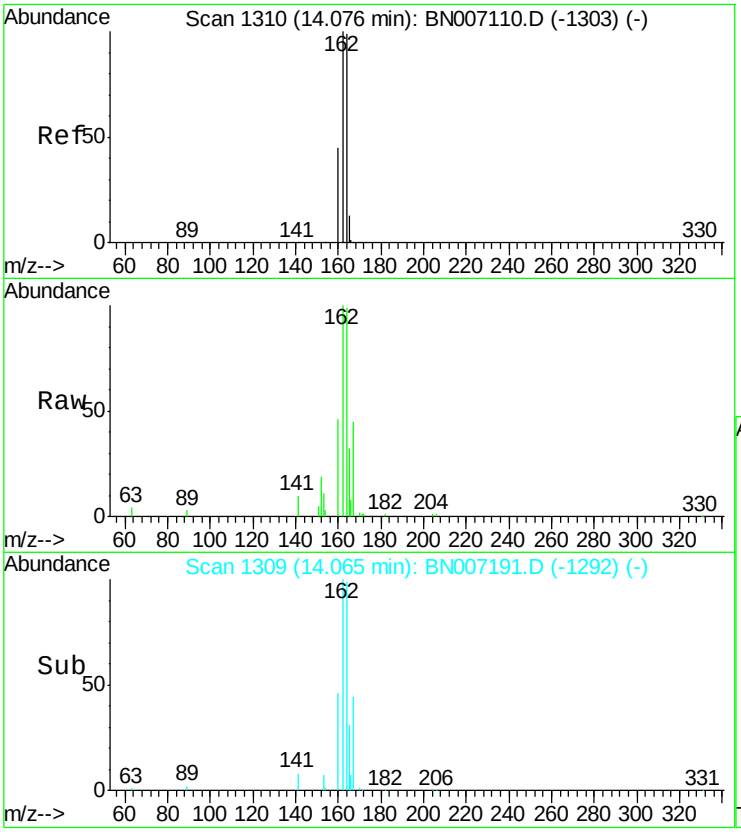


#11
2-Methylnaphthalene
Concen: 0.655 ng
RT: 11.86 min Scan# 997
Delta R.T. -0.01 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Tgt Ion:142 Resp: 35918

Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.0	103.6
115	34.8	27.1	40.7



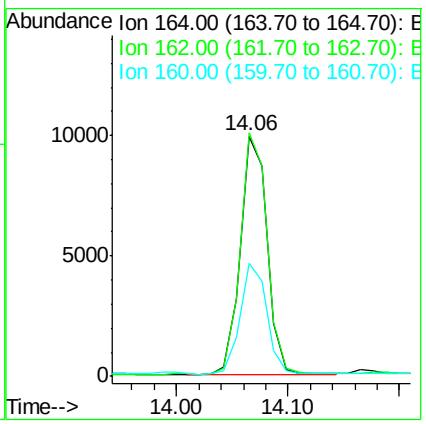


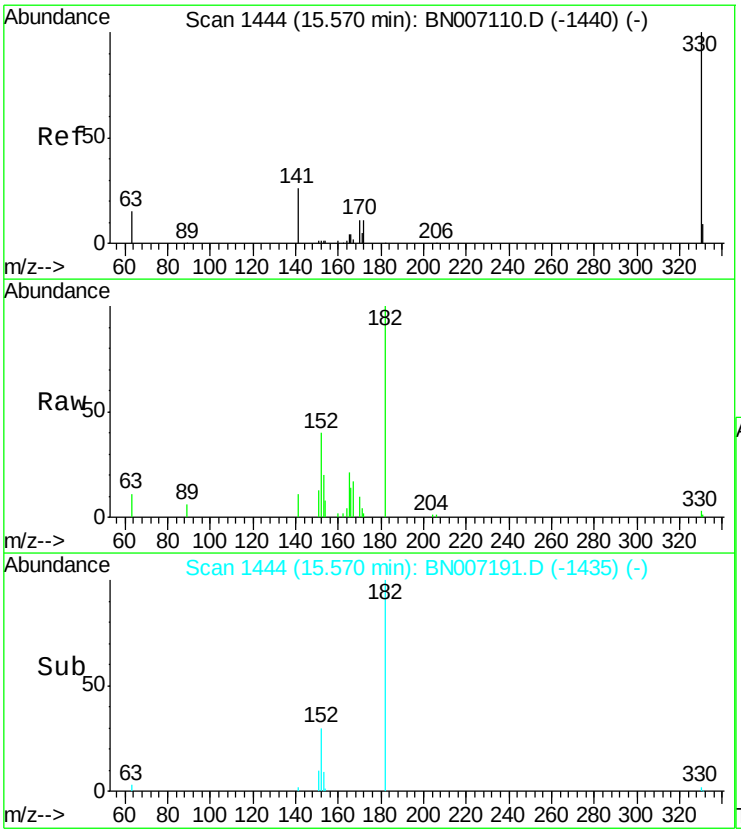
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 16360

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.2	123.4
160	47.1	38.3	57.5

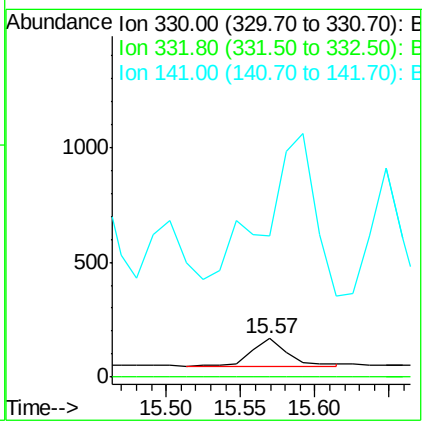


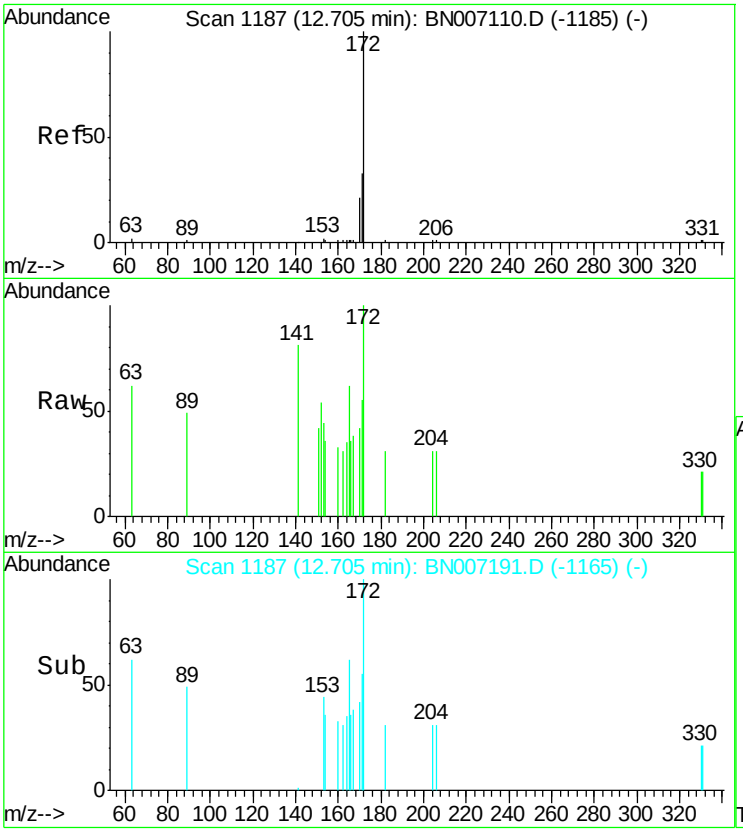


#13
2,4,6-Tribromophenol
Concen: 0.023 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Tgt Ion:330 Resp: 205

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	33.6	50.4#



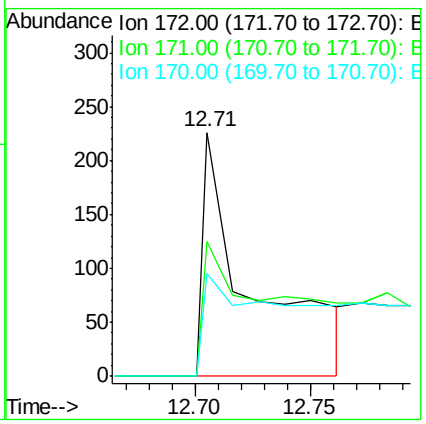


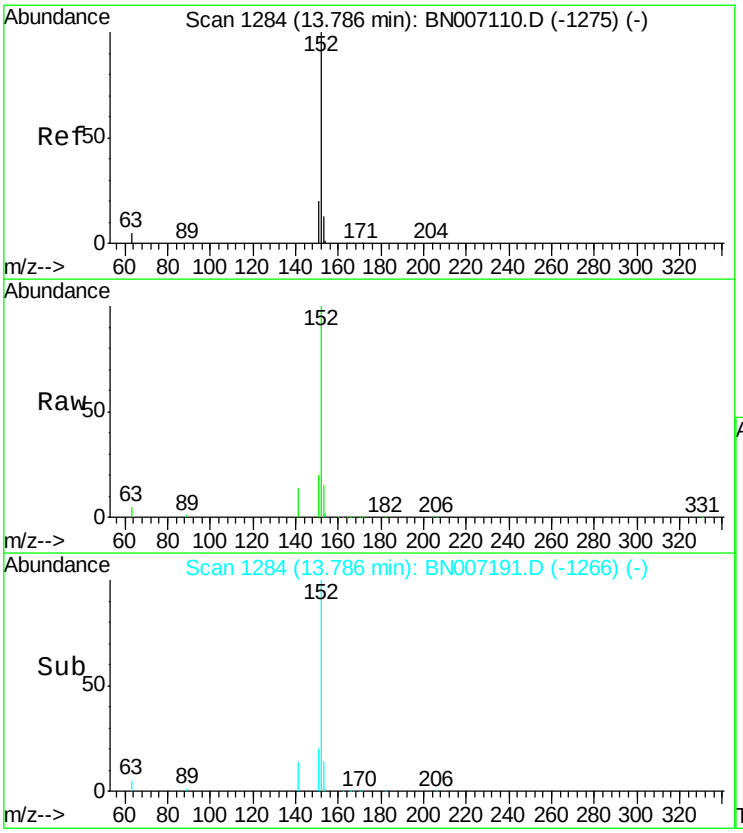
#14
2-Fluorobiphenyl
Concen: 0.013 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 318

Ion	Ratio	Lower	Upper
172	100		
171	55.3	26.3	39.5#
170	42.0	17.0	25.4#

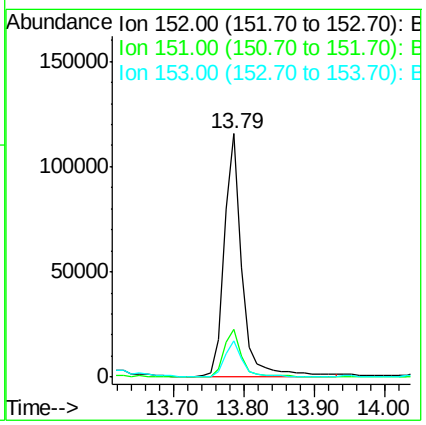


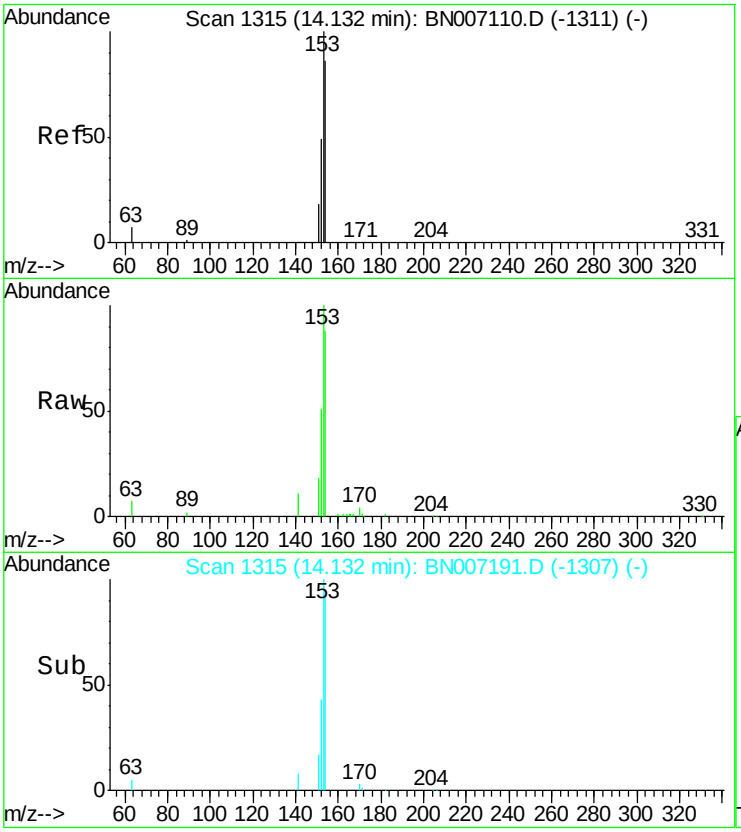


#15
Acenaphthylene
Concen: 2.370 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Tgt Ion:152 Resp: 202684

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	14.6	10.4	15.6



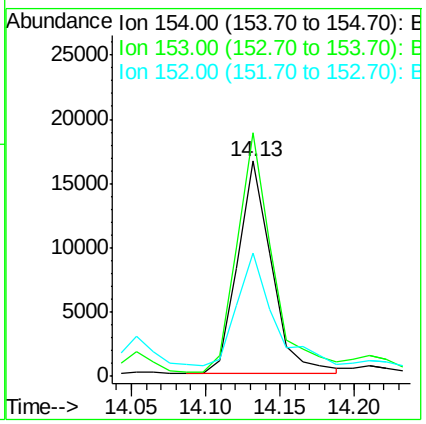


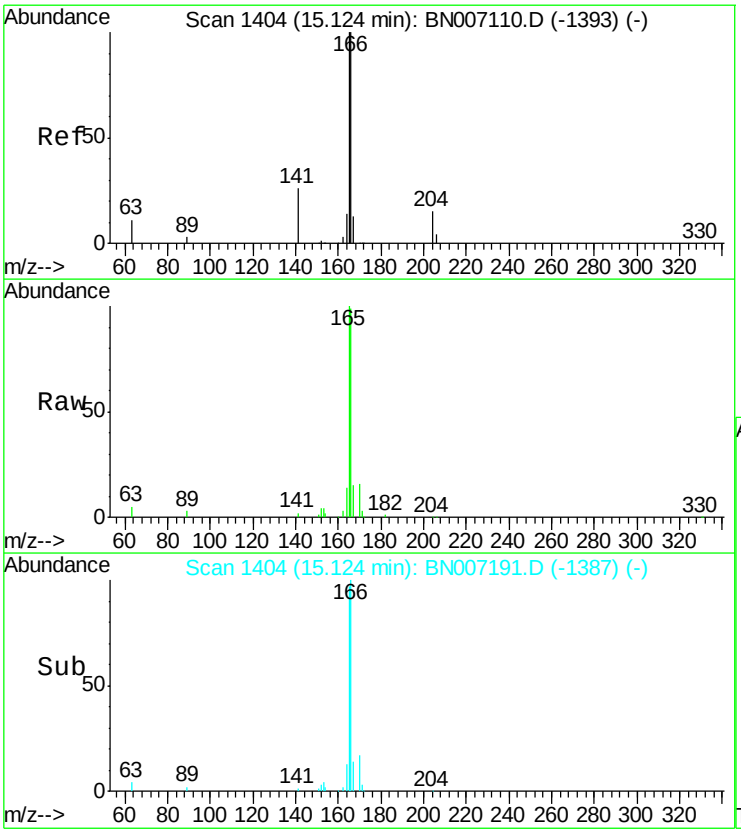
#16
Acenaphthene
Concen: 0.479 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 26232

Ion	Ratio	Lower	Upper
154	100		
153	116.2	89.5	134.3
152	58.5	44.8	67.2

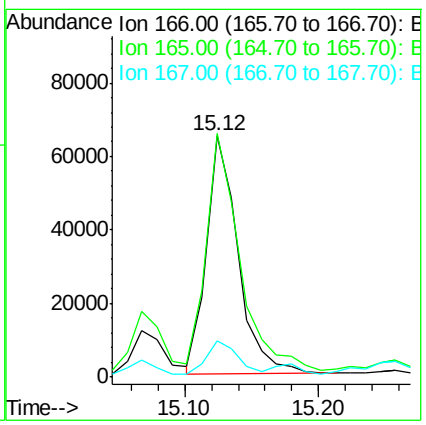


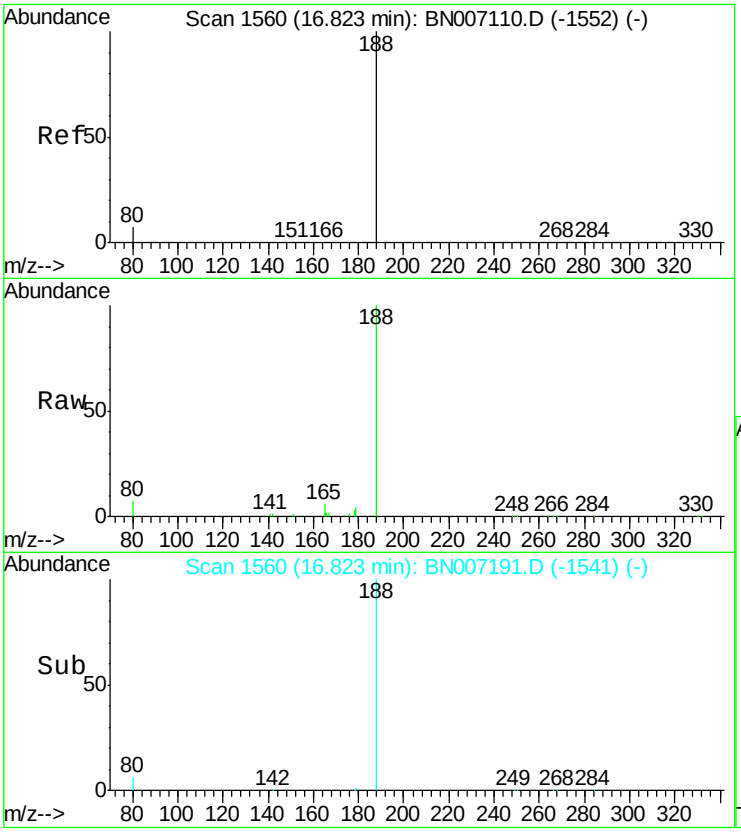


#17
Fluorene
Concen: 1.300 ng
RT: 15.12 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Tgt Ion:166 Resp: 106574

Ion	Ratio	Lower	Upper
166	100		
165	105.3	77.9	116.9
167	14.0	10.9	16.3



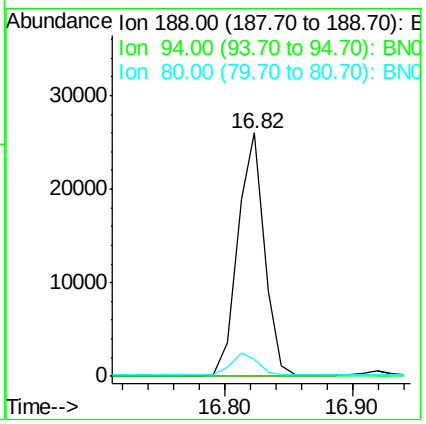


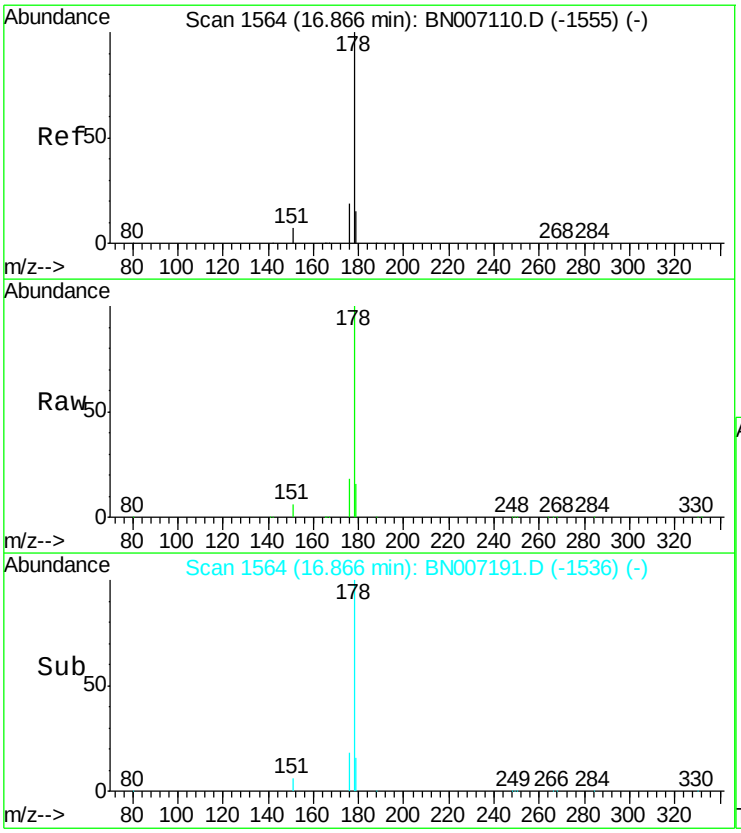
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 37467

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	7.8	11.6#

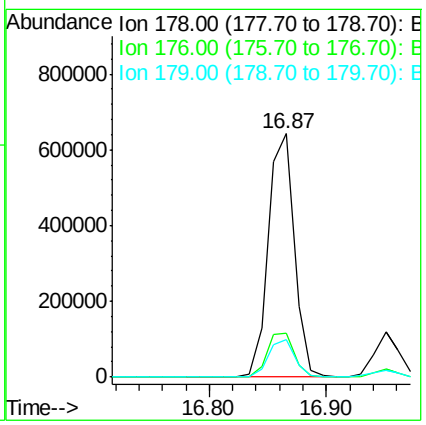


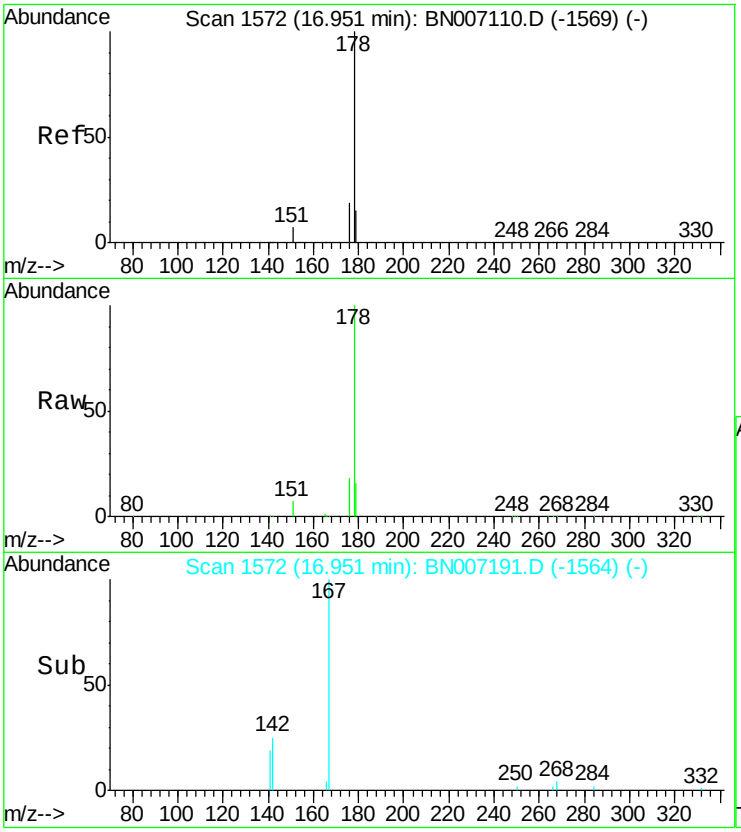


#22
Phenanthrene
Concen: 8.858 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Tgt Ion:178 Resp: 994620

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.5	12.3	18.5



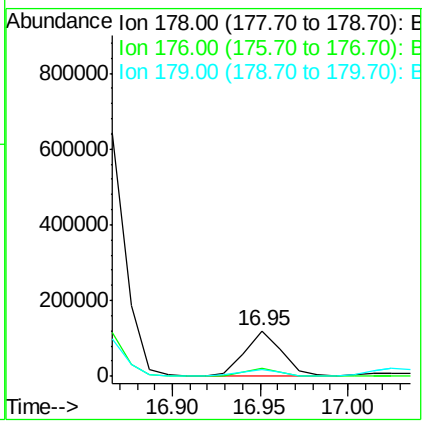


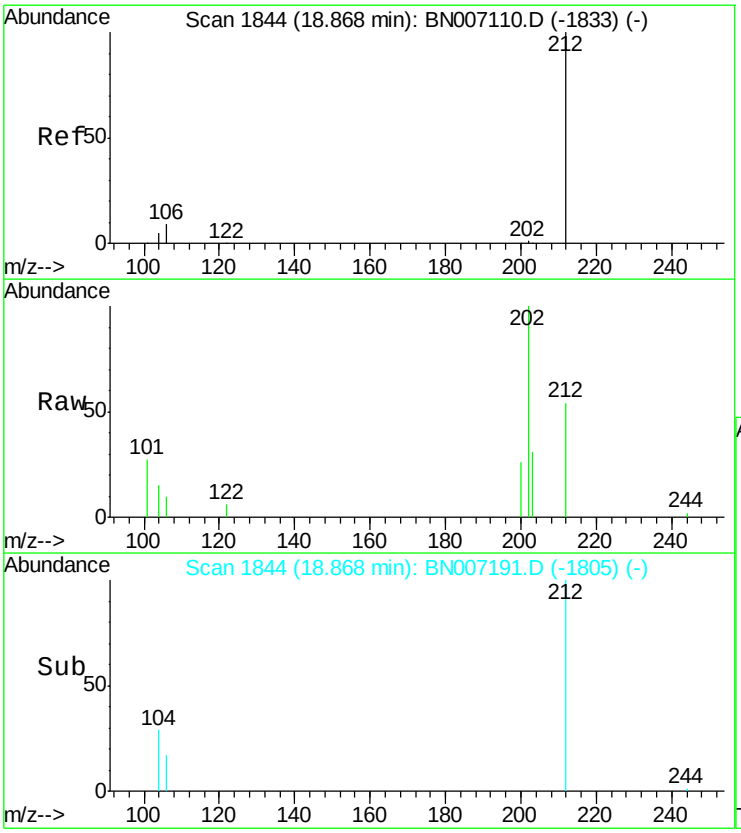
#23
Anthracene
Concen: 1.628 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 166980

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	16.5	12.5	18.7

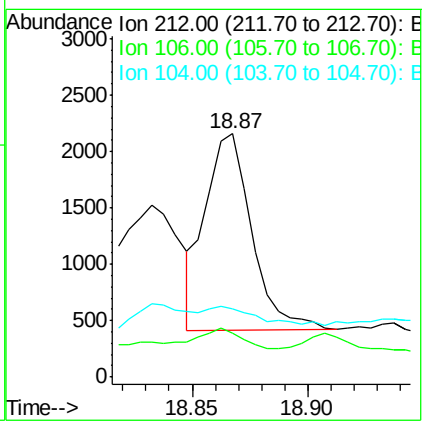


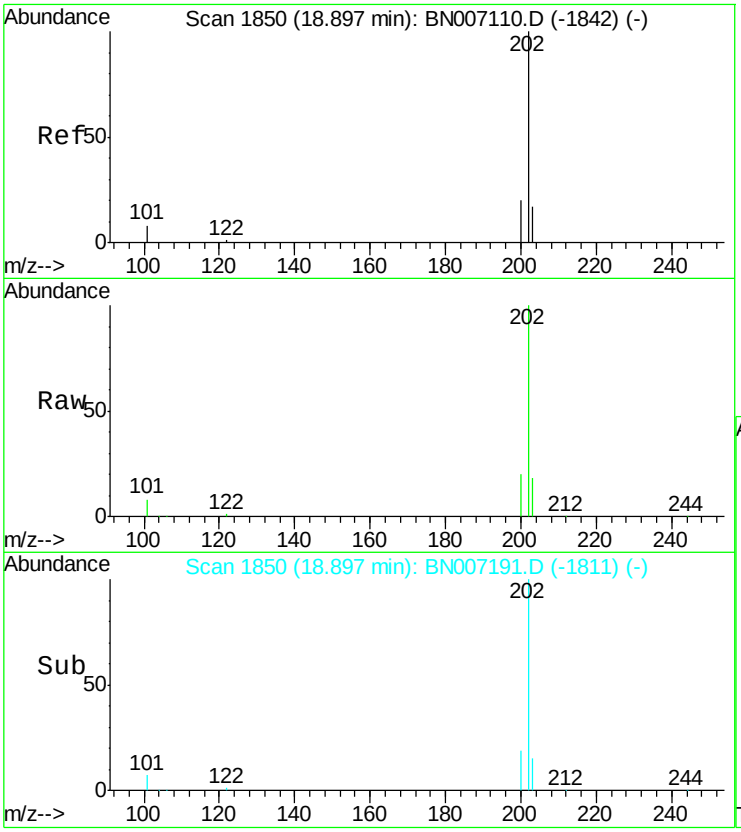


#24
Fluoranthene-d10
Concen: 0.018 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Tgt Ion:212 Resp: 2418

Ion	Ratio	Lower	Upper
212	100		
106	12.3	8.2	12.2#
104	0.0	4.5	6.7#



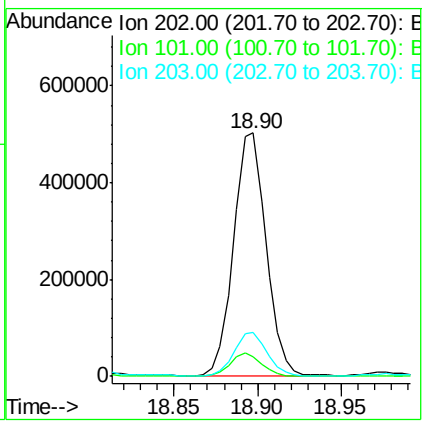


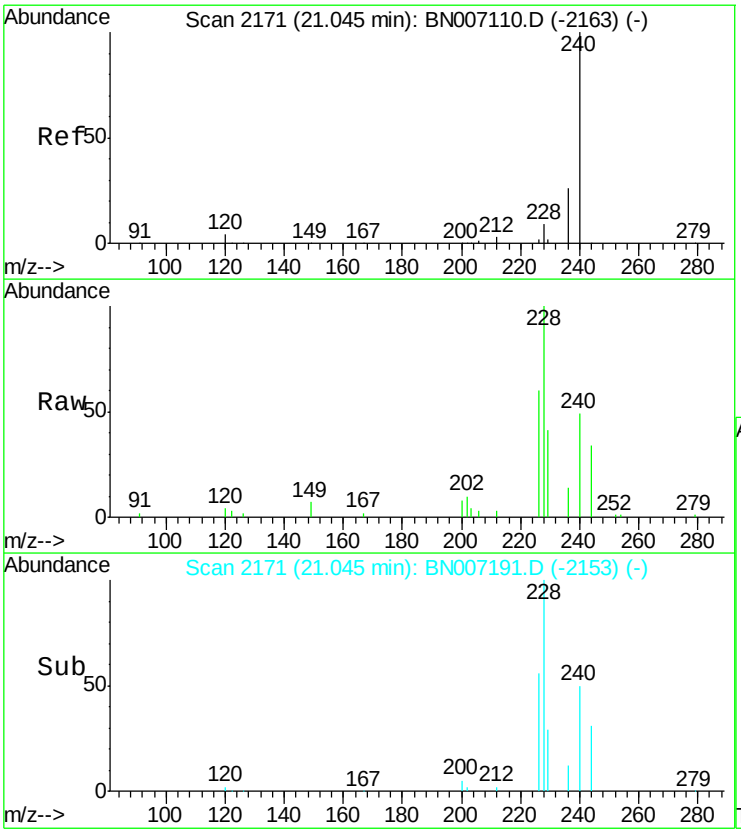
#25
Fluoranthene
Concen: 4.735 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 680157

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.0	10.4
203	18.2	13.8	20.8

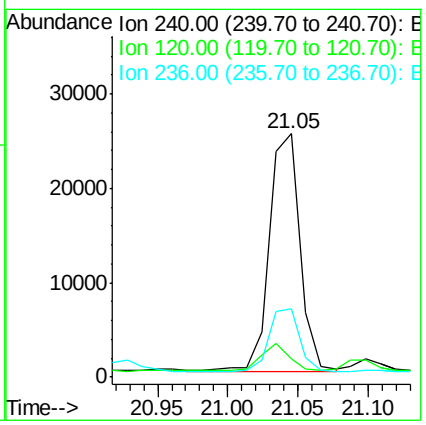


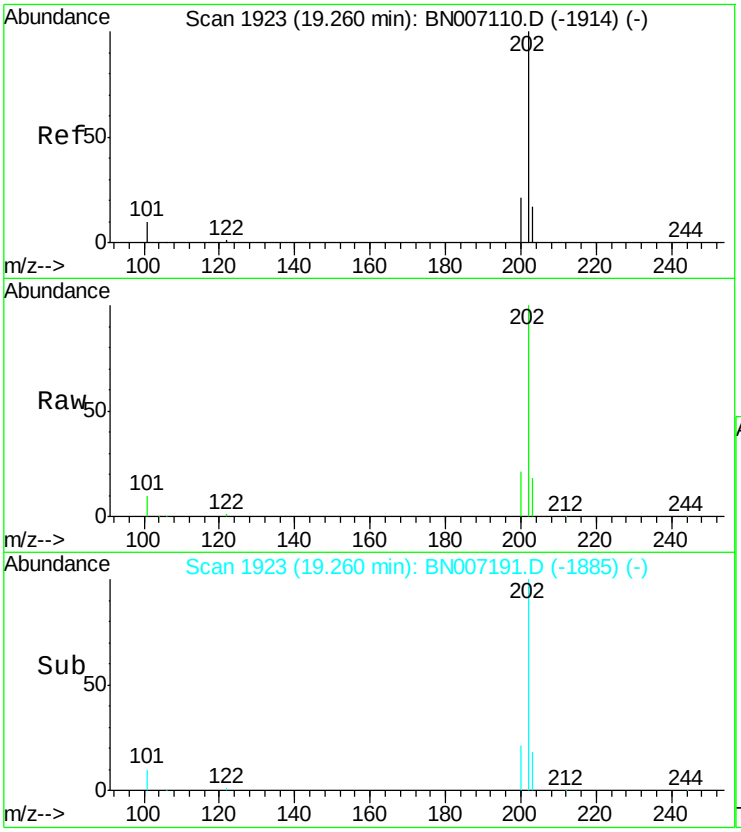


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Tgt Ion:240 Resp: 38807

Ion	Ratio	Lower	Upper
240	100		
120	7.3	4.0	6.0#
236	28.1	21.3	31.9



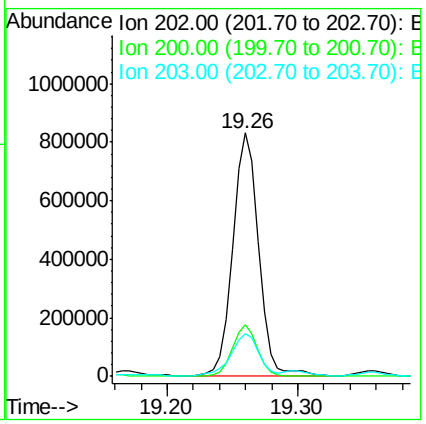


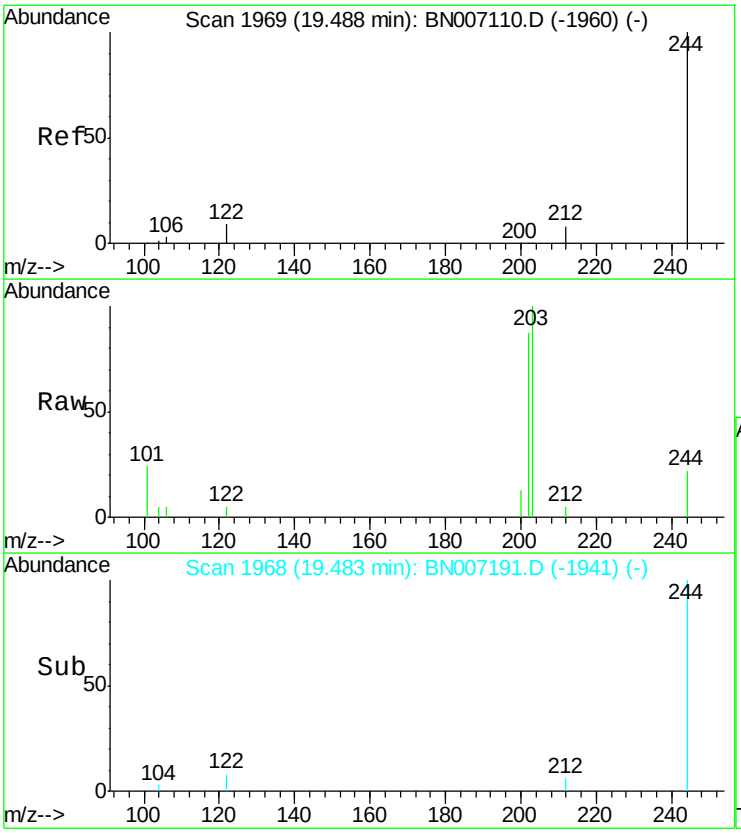
#27
Pyrene
Concen: 8.424 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 1146443

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	18.8	14.0	21.0

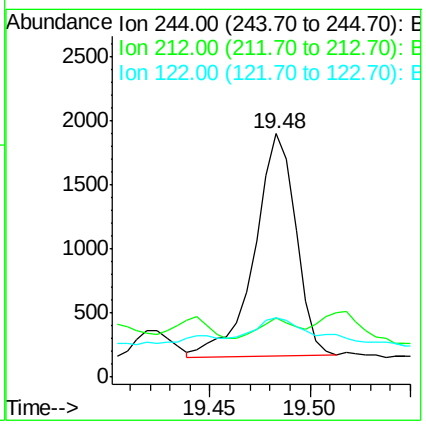


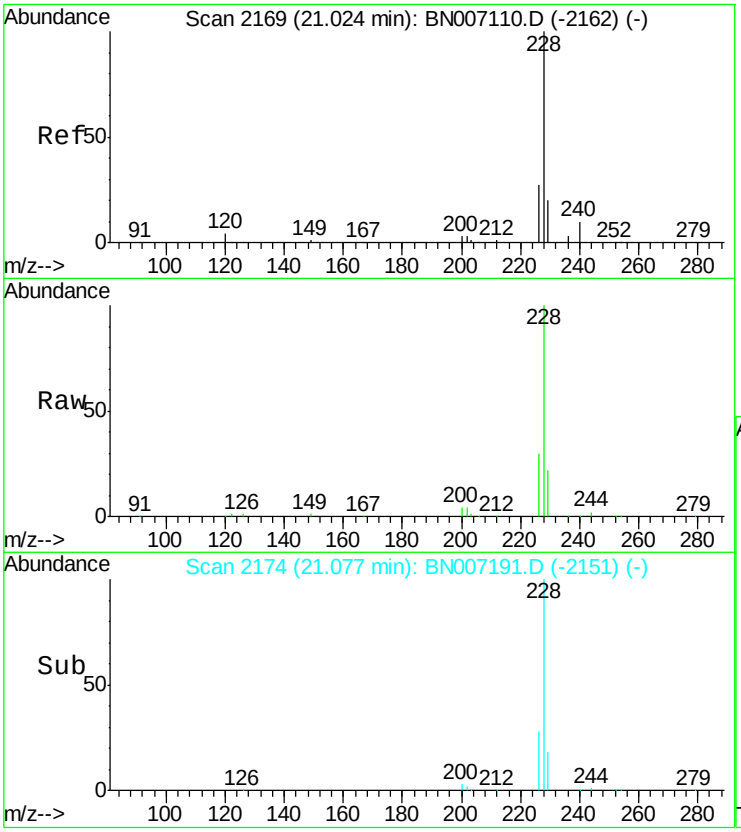


#28
Terphenyl-d14
Concen: 0.024 ng
RT: 19.48 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Tgt Ion:244 Resp: 2501

Ion	Ratio	Lower	Upper
244	100		
212	24.3	6.2	9.2#
122	24.3	7.4	11.2#



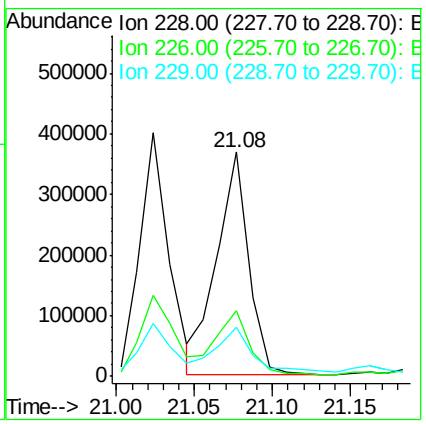


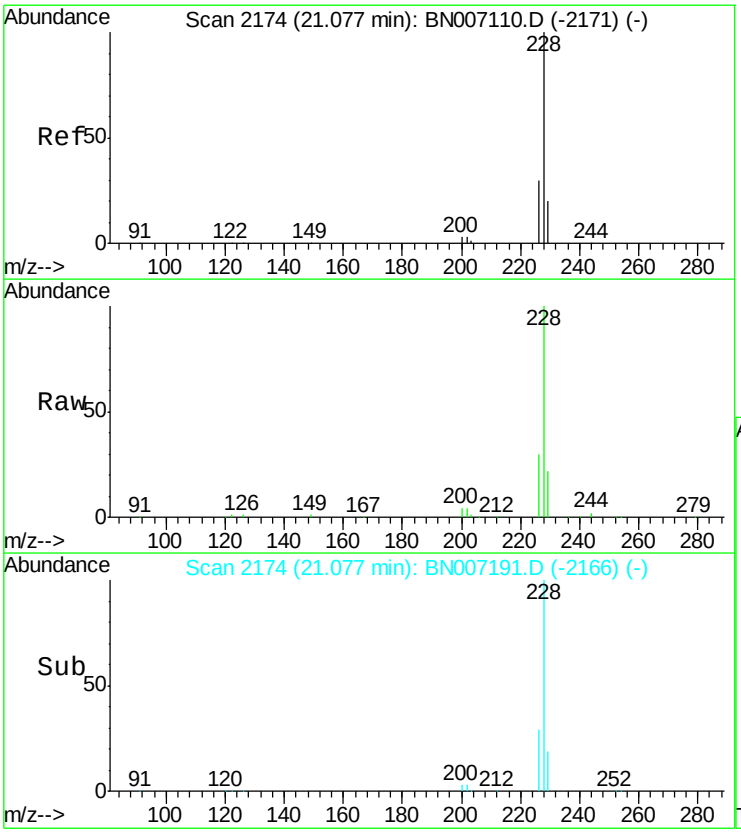
#29
Benzo(a)anthracene
Concen: 3.648 ng
RT: 21.08 min Scan# 2174
Delta R.T. 0.04 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 517703

Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.8	32.6
229	22.0	15.6	23.4

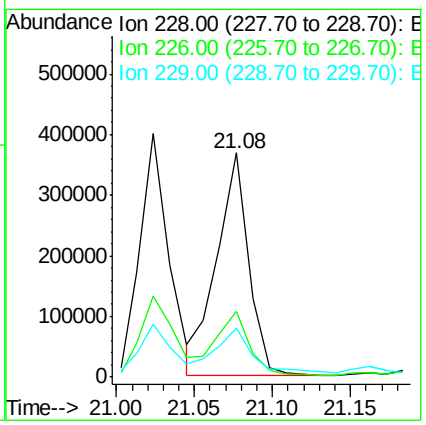


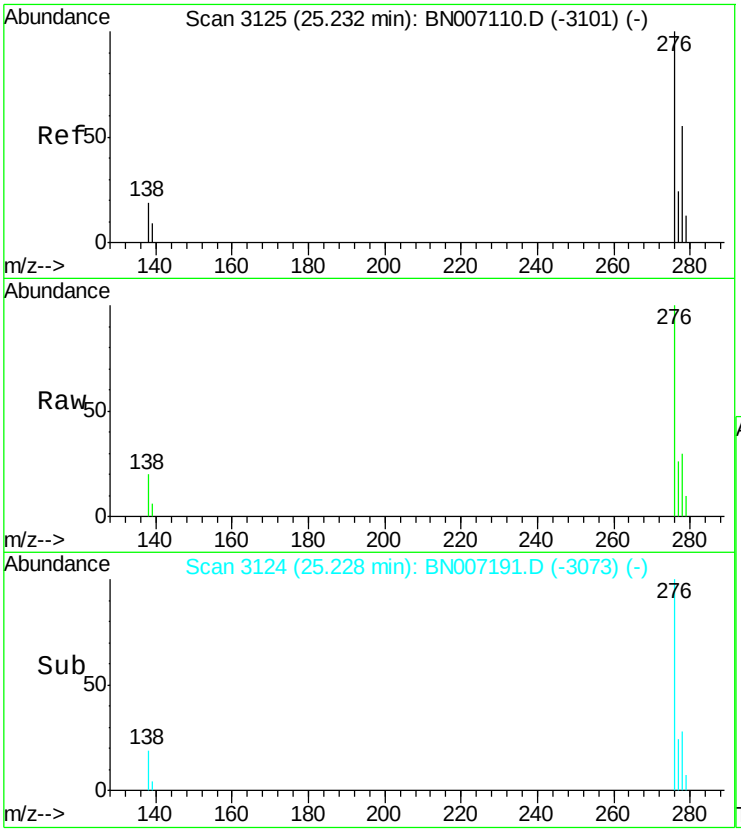


#30
Chrysene
Concen: 3.751 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Tgt Ion:228 Resp: 517207

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.6
229	22.0	15.7	23.5



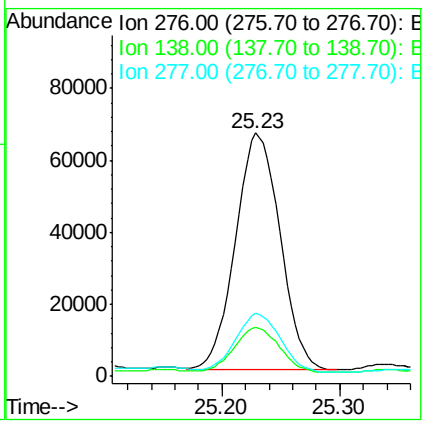


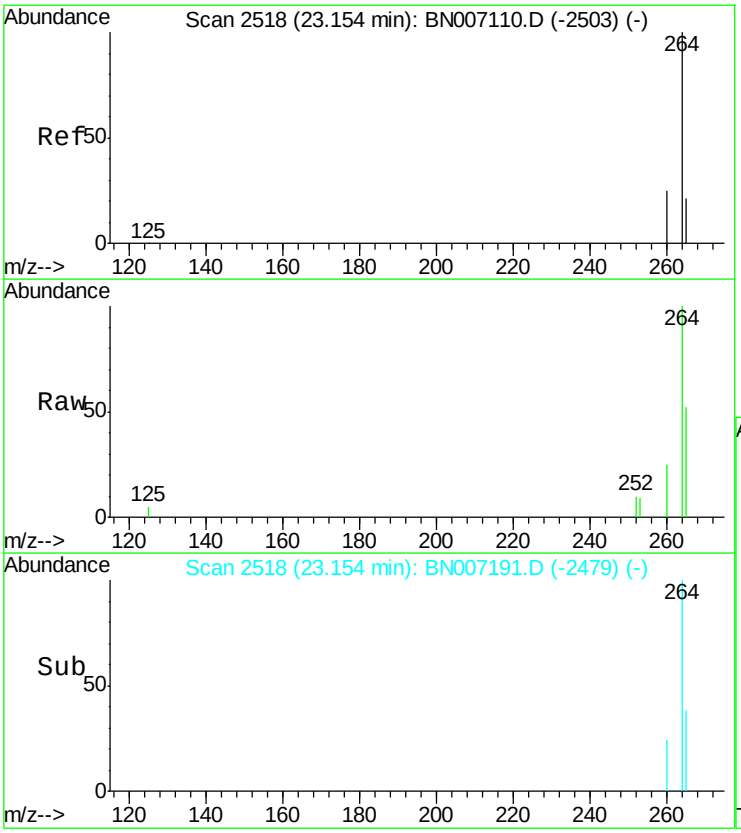
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.142 ng
RT: 25.23 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 173495

Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.0	24.0
277	25.3	19.9	29.9

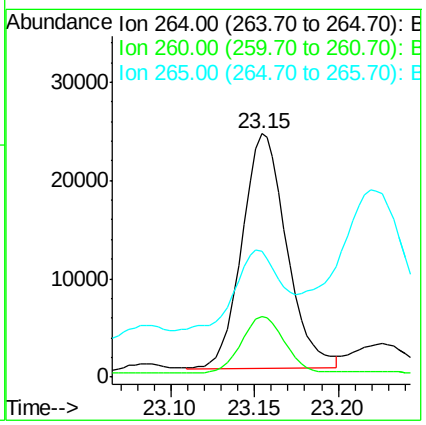


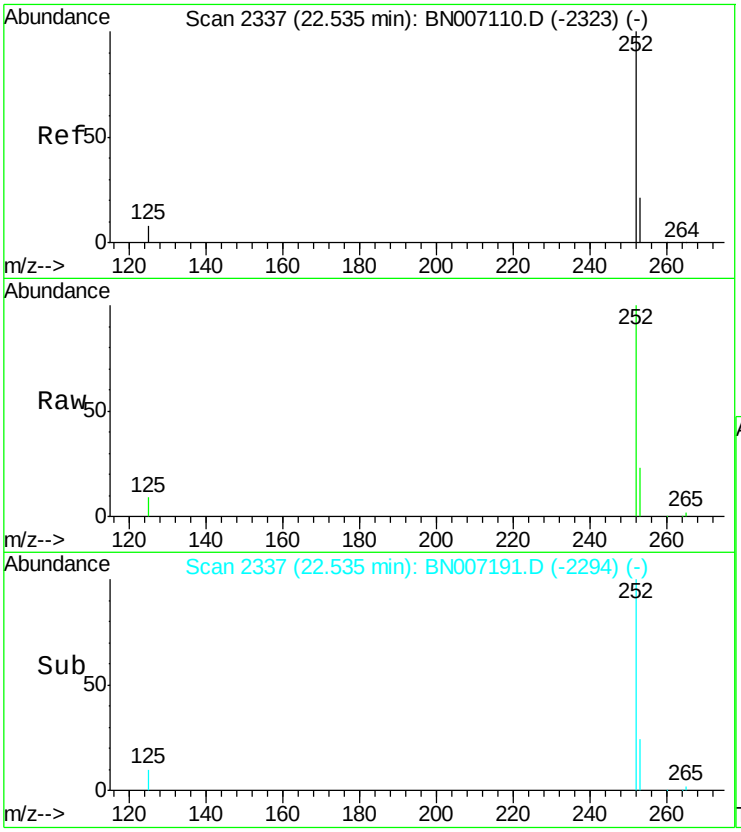


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Tgt Ion:264 Resp: 44580

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.8
265	51.6	26.2	39.4#



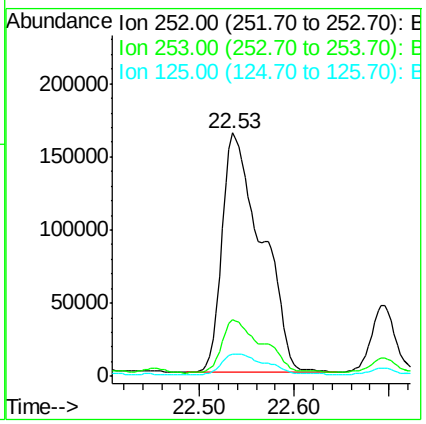


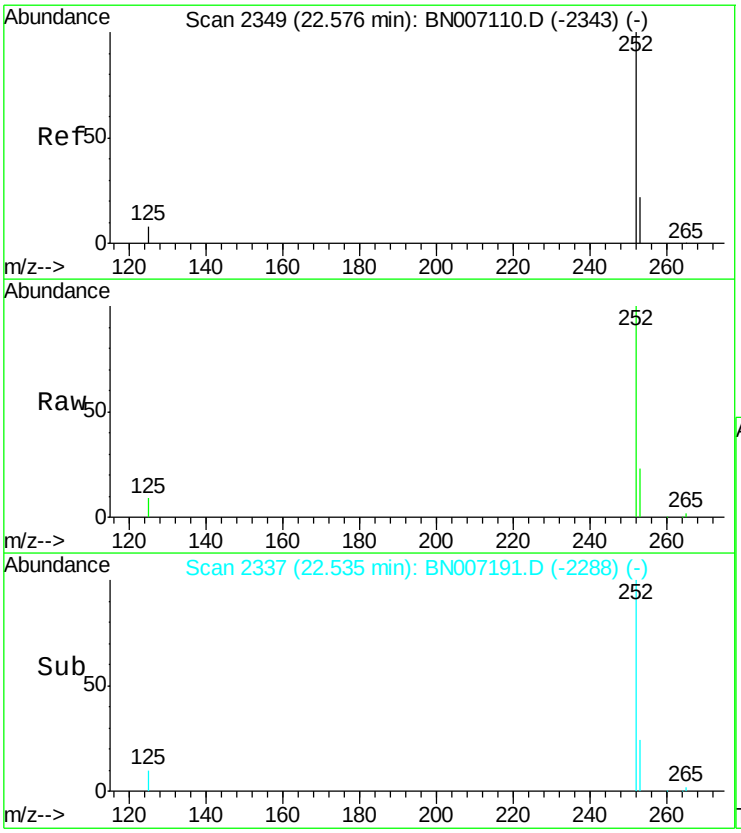
#33
Benzo(b)fluoranthene
Concen: 3.134 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 479119

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	9.3	7.4	11.0

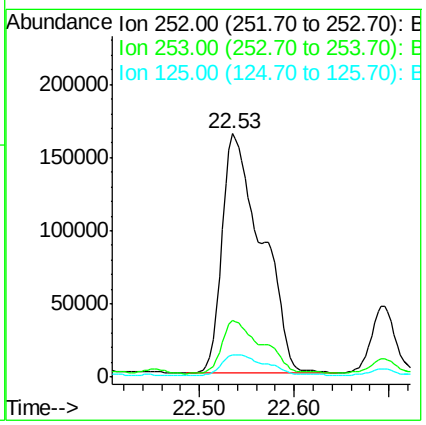


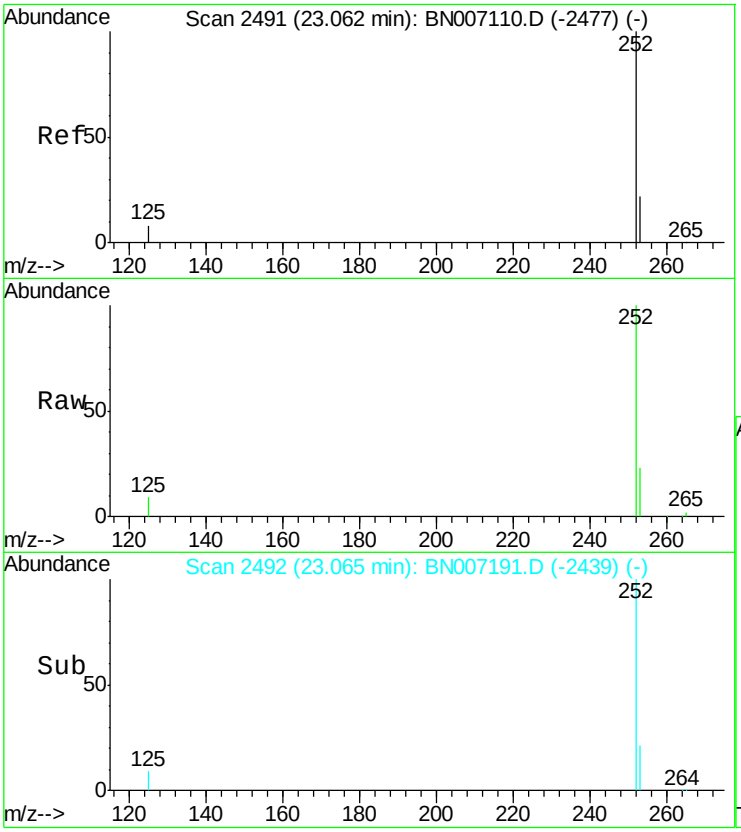


#34
Benzo(k)fluoranthene
Concen: 3.174 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.06 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Tgt Ion:252 Resp: 479119

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	9.3	7.4	11.0



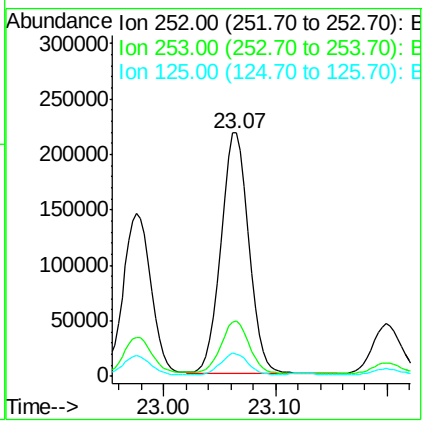


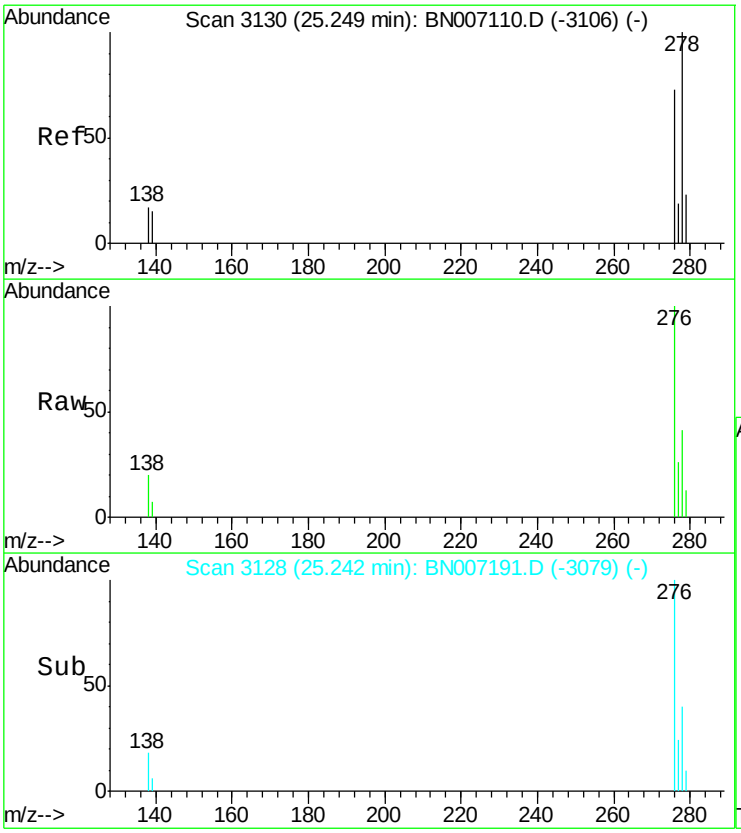
#35
Benzo(a)pyrene
Concen: 2.711 ng
RT: 23.07 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 375672

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	9.3	8.2	12.4

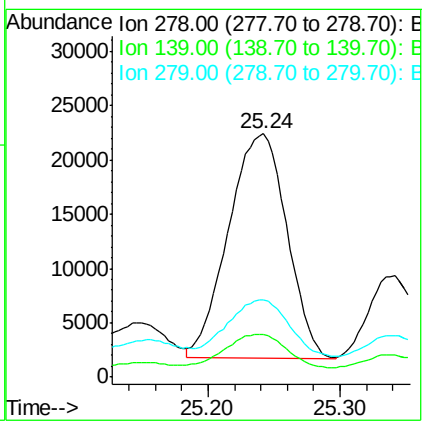


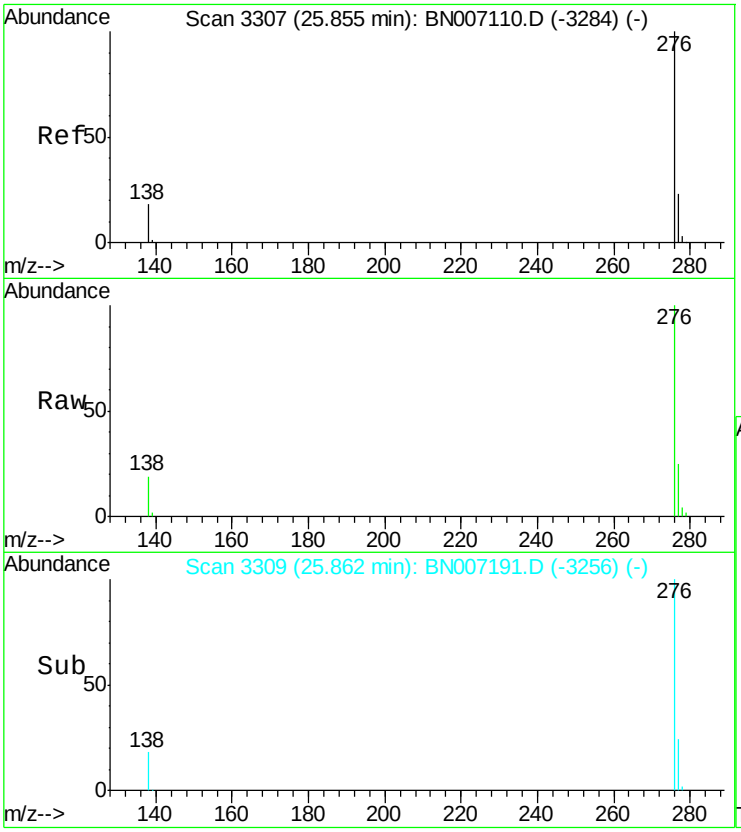


#36
Dibenzo(a,h)anthracene
Concen: 0.461 ng
RT: 25.24 min Scan# 3128
Delta R.T. -0.03 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Tgt Ion:278 Resp: 63764

Ion	Ratio	Lower	Upper
278	100		
139	17.5	11.3	16.9#
279	31.7	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 1.527 ng
RT: 25.86 min Scan# 3309
Delta R.T. -0.02 min
Lab File: BN007191.D
Acq: 15 Aug 2019 11:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 217188

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.8
138	18.8	14.6	22.0