Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
Data File : BN007211.D
Acq On : 15 Aug 2019 23:58
Operator : HP/JU
Sample : K4282-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 16 07:07:30 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	7228	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	27405	0.40	ng		0.00
12) Acenaphthene-d10	14.07	164	15487	0.40	ng		-0.01
18) Phenanthrene-d10	16.82	188	36579	0.40	ng		0.00
26) Chrysene-d12	21.03	240	38531	0.40	ng		-0.02
32) Perylene-d12	23.15	264	42477	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.05	112	5389	0.31	ng		0.00
4) Phenol-d6	6.61	99	7191	0.33	ng		0.00
7) Nitrobenzene-d5	8.55	82	5162	0.23	ng		-0.01
10) 2-Methylnaphthalene-d10	11.79	152	10509	0.21	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	1800	0.22	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	1238	0.05	ng		0.00
24) Fluoranthene-d10	18.86	212	19685	0.15	ng		-0.01
28) Terphenyl-d14	19.48	244	13629	0.13	ng		-0.02
Target Compounds							Qvalue
8) Naphthalene	10.22	128	26534	0.345	ng		100
11) 2-Methylnaphthalene	11.86	142	8458	0.155	ng		95
15) Acenaphthylene	13.79	152	40705	0.503	ng		99
16) Acenaphthene	14.13	154	32204	0.621	ng		99
17) Fluorene	15.12	166	34657	0.447	ng		97
22) Phenanthrene	16.86	178	564209	5.147	ng		100
23) Anthracene	16.95	178	147610	1.474	ng	#	93
25) Fluoranthene	18.89	202	943396	6.727	ng		100
27) Pyrene	19.26	202	839950	6.216	ng	#	95
29) Benzo(a)anthracene	21.02	228	559679	3.972	ng		94
30) Chrysene	21.08	228	473957	3.462	ng		96
31) Indeno(1,2,3-cd)pyrene	25.23	276	298021	1.975	ng		98
33) Benzo(b)fluoranthene	22.53	252	640693	4.399	ng		99
34) Benzo(k)fluoranthene	22.53	252	640693	4.454	ng		99
35) Benzo(a)pyrene	23.07	252	448047	3.393	ng		99
36) Dibenzo(a,h)anthracene	25.24	278	83256	0.632	ng		93
37) Benzo(g,h,i)perylene	25.86	276	268945	1.984	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
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Acq On : 15 Aug 2019 23:58
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Misc :
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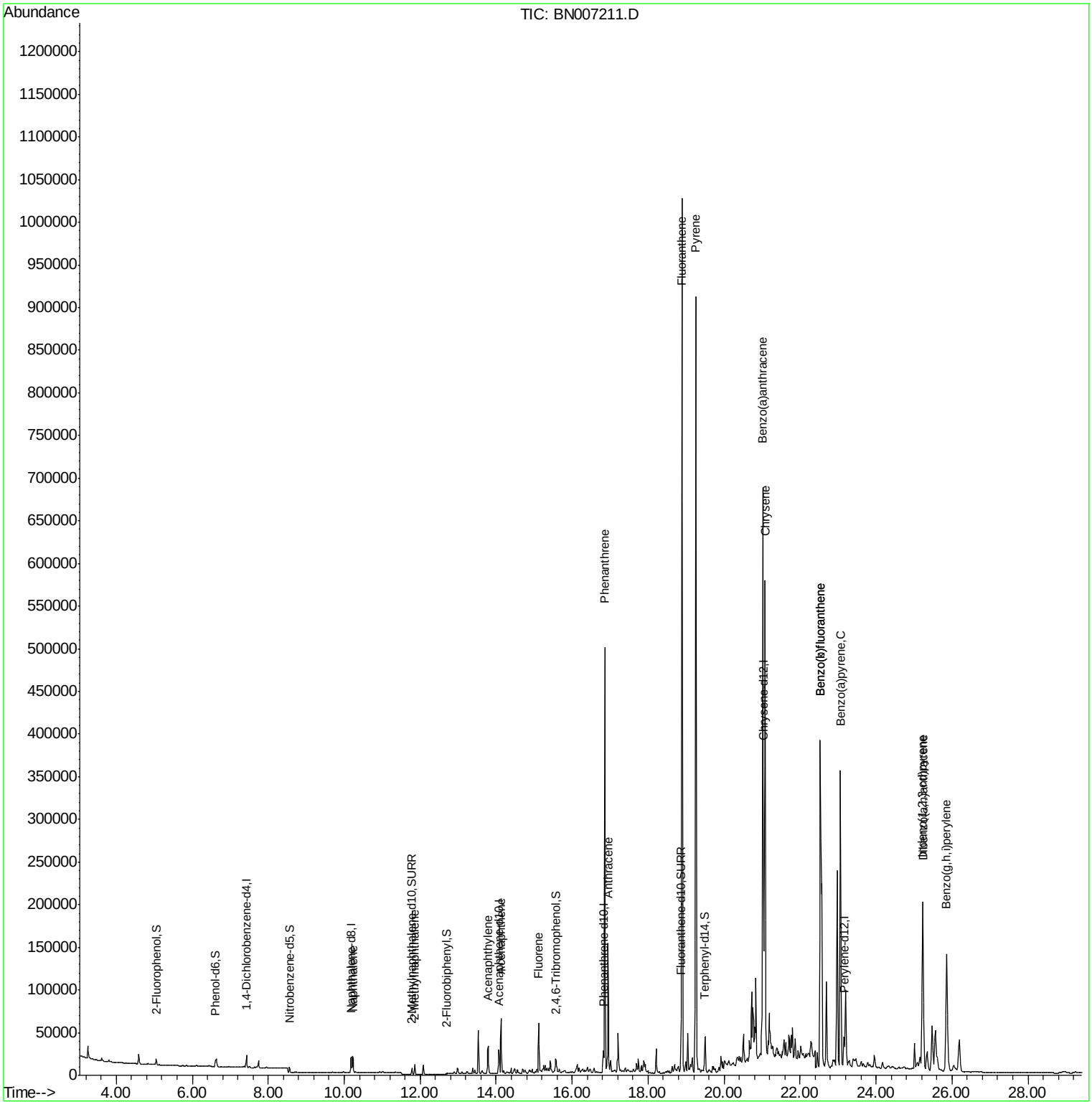
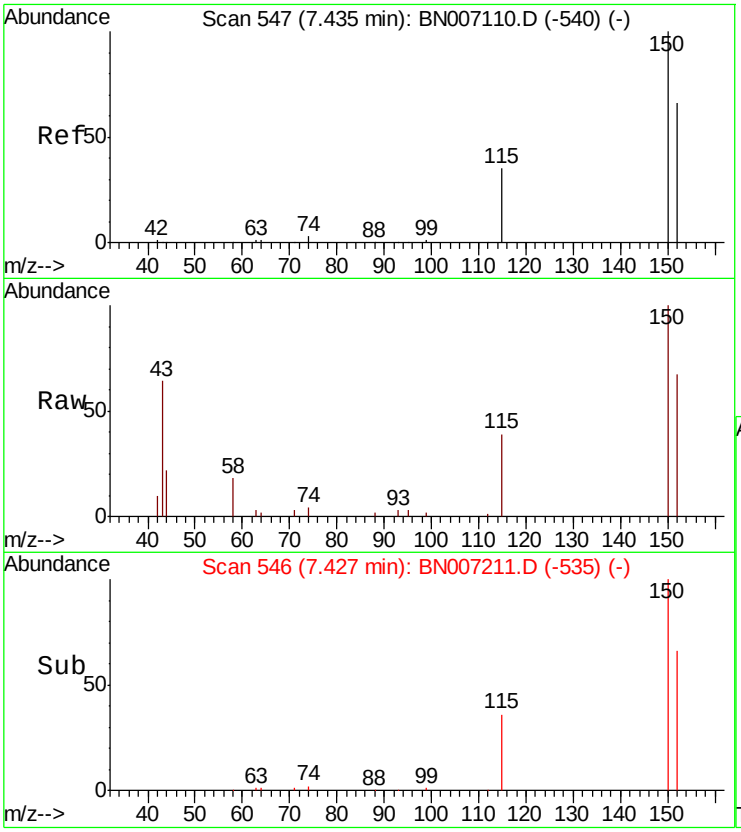
Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 16 07:07:30 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



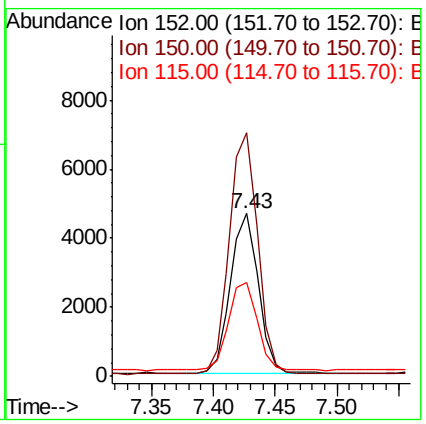


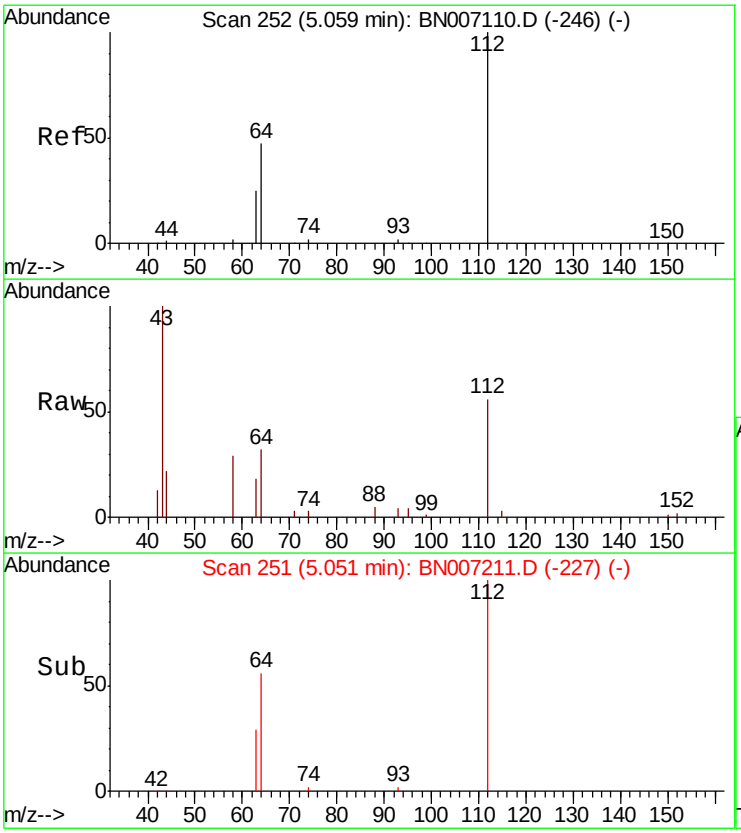
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7228

Ion	Ratio	Lower	Upper
152	100		
150	149.5	121.7	182.5
115	57.8	46.2	69.4

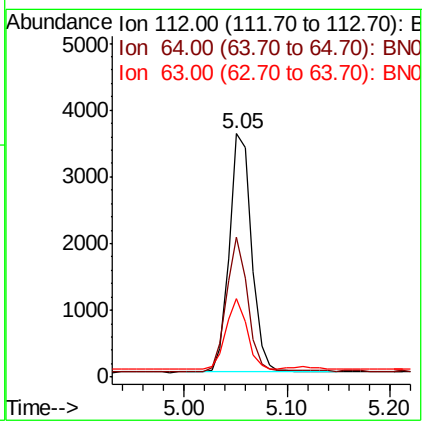


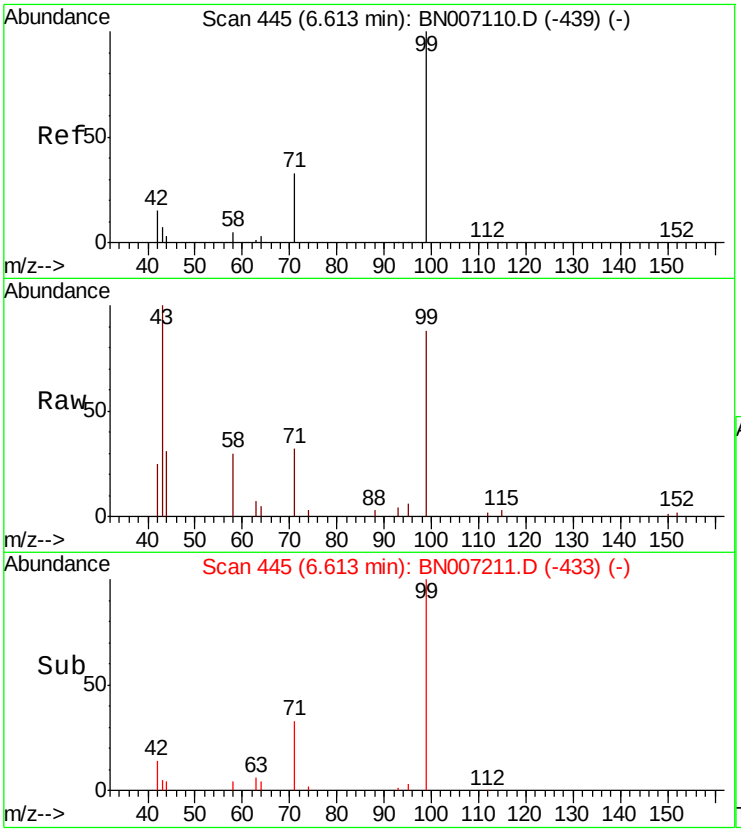


#3
2-Fluorophenol
Concen: 0.310 ng
RT: 5.05 min Scan# 251
Delta R.T. -0.01 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Tgt Ion:112 Resp: 5389

Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.6	63.8
63	27.4	22.2	33.2



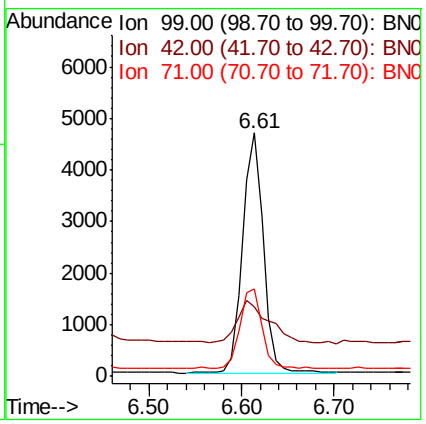


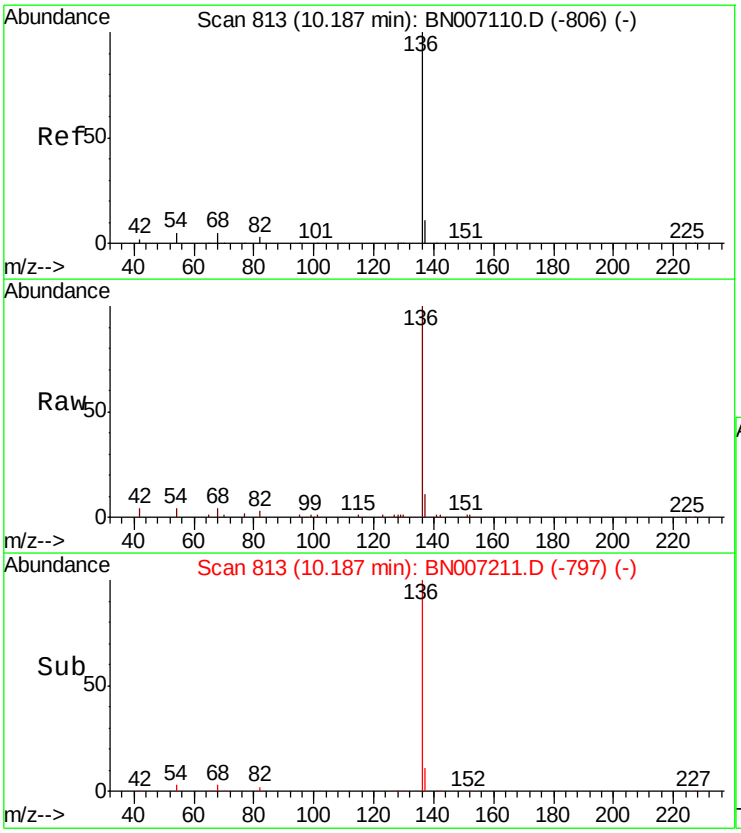
#4
Phenol-d6
Concen: 0.334 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 7191

Ion	Ratio	Lower	Upper
99	100		
42	25.5	15.8	23.6#
71	35.0	27.0	40.4

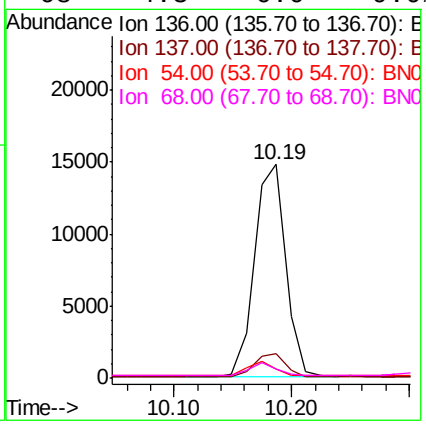


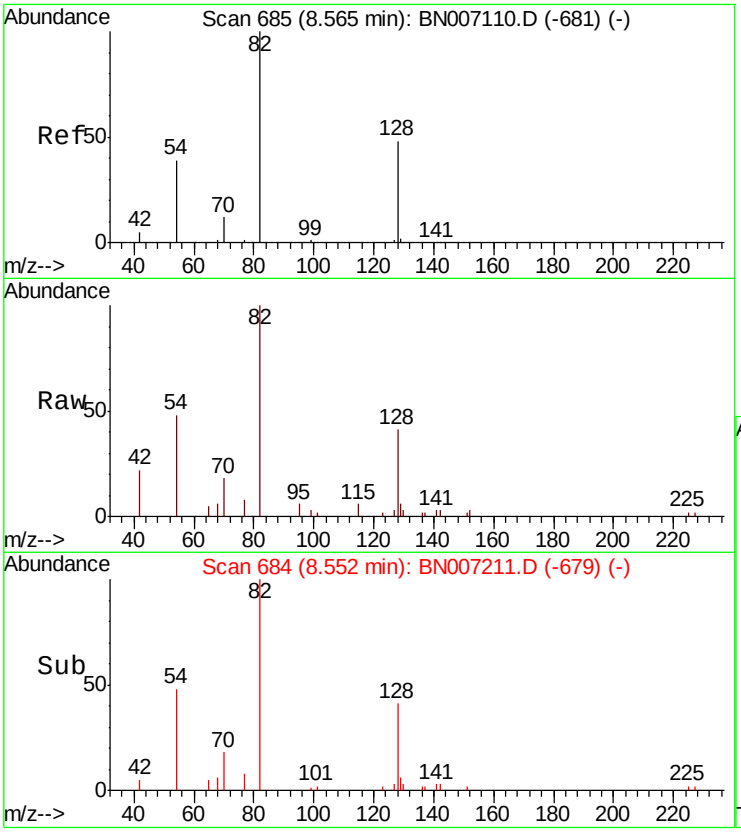


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Tgt Ion:136 Resp: 27405

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	4.4	6.6	9.8#
68	4.3	6.0	9.0#



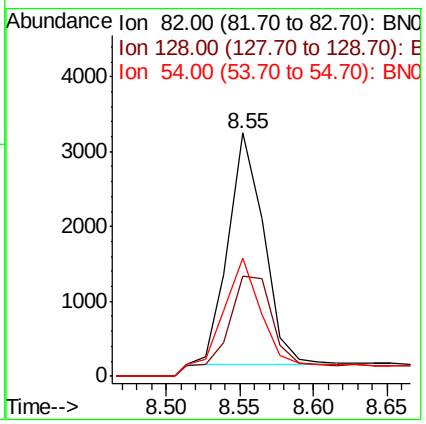


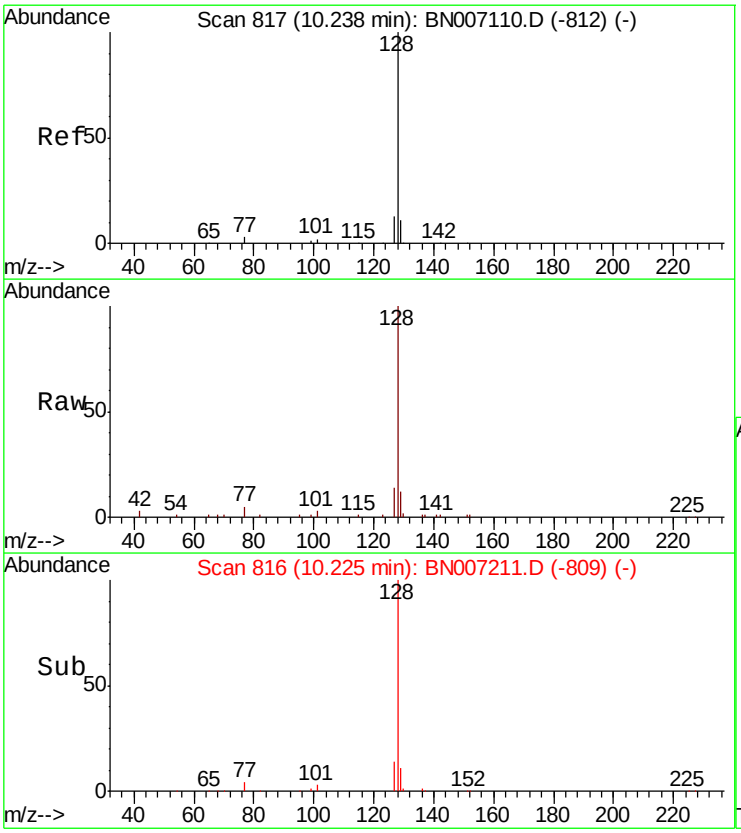
#7
Nitrobenzene-d5
Concen: 0.234 ng
RT: 8.55 min Scan# 684
Delta R.T. -0.01 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 5162

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	51.8
54	48.5	36.2	54.4

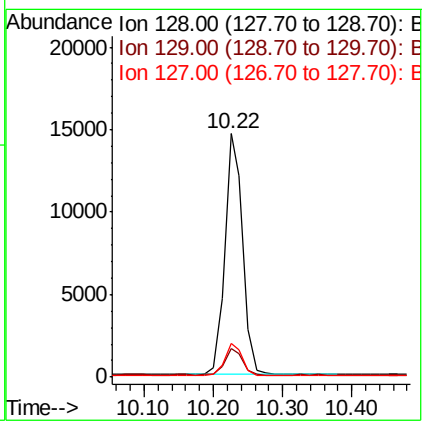


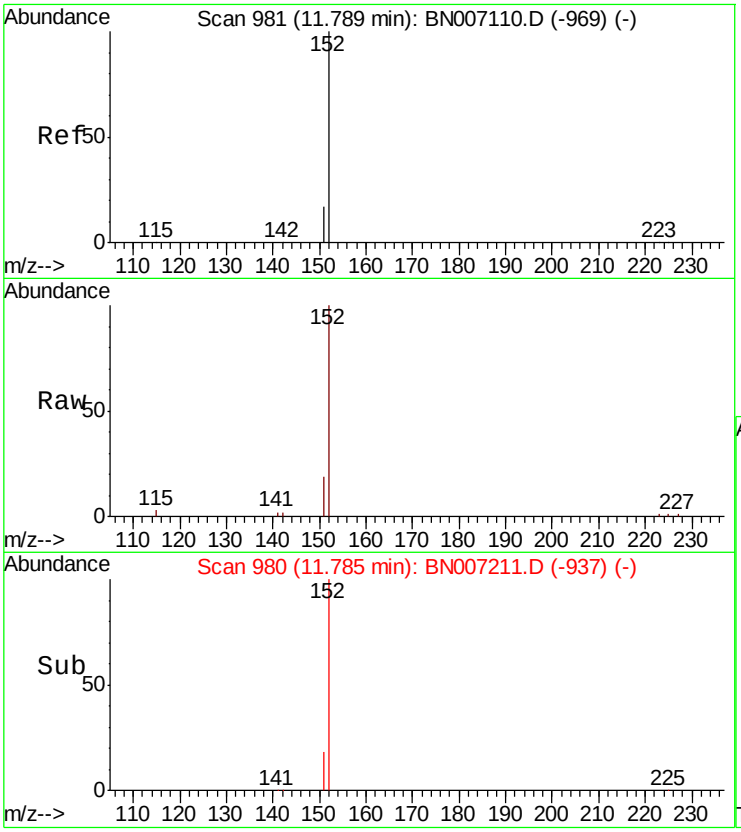


#8
Naphthalene
Concen: 0.345 ng
RT: 10.22 min Scan# 816
Delta R.T. -0.01 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Tgt Ion:128 Resp: 26534

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	14.1	11.0	16.6



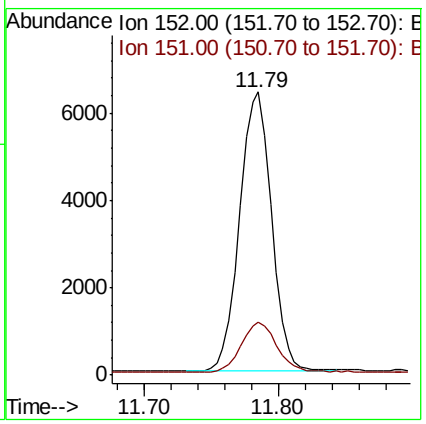


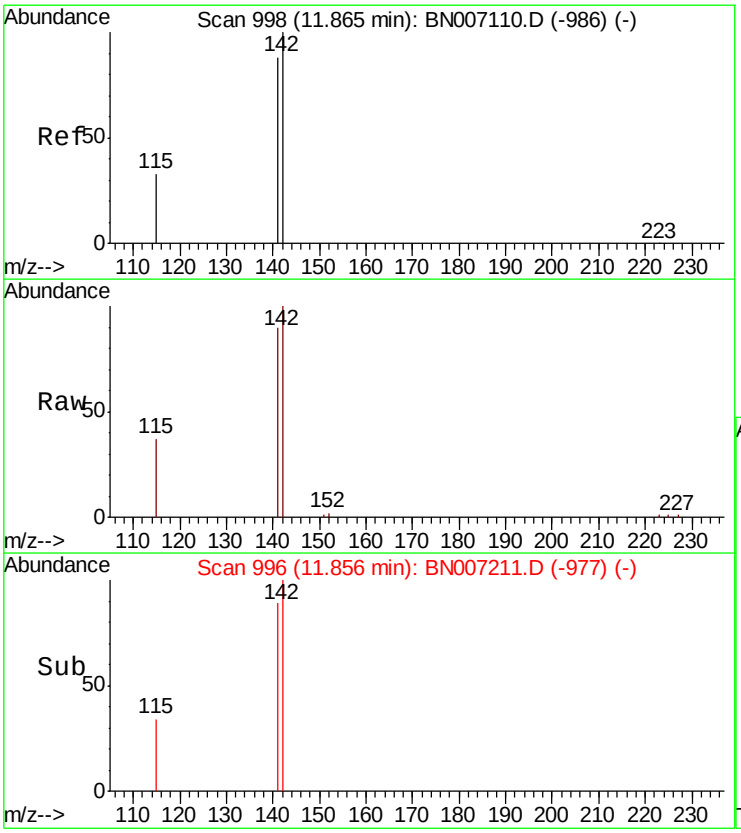
#10
2-Methylnaphthalene-d10
Concen: 0.206 ng
RT: 11.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 10509

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3

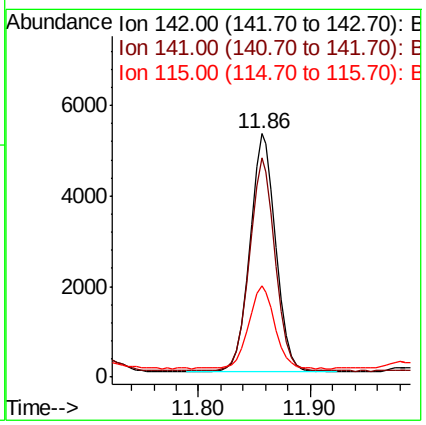


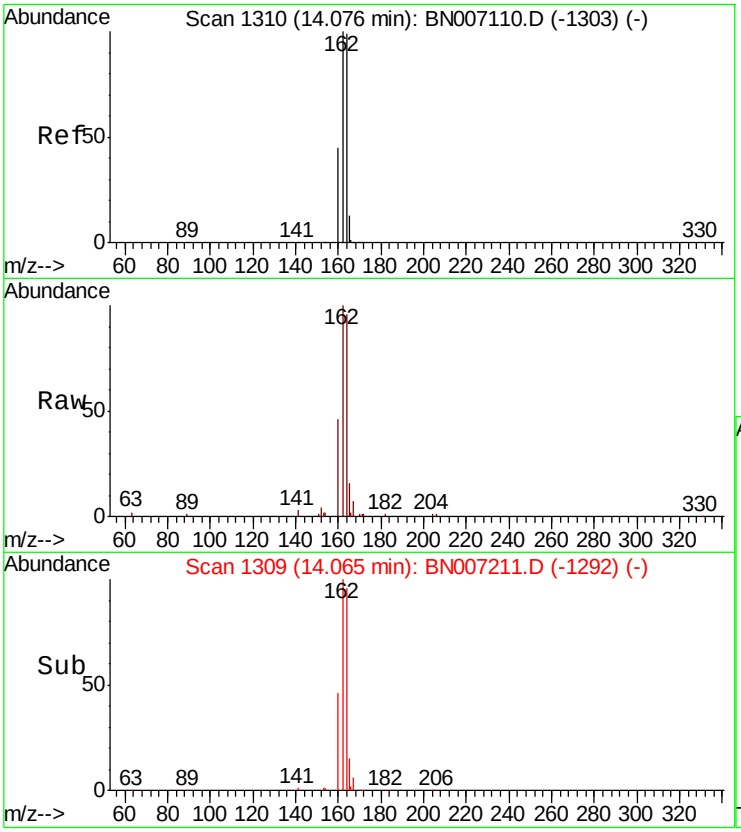


#11
2-Methylnaphthalene
Concen: 0.155 ng
RT: 11.86 min Scan# 996
Delta R.T. -0.01 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Tgt Ion:142 Resp: 8458

Ion	Ratio	Lower	Upper
142	100		
141	90.1	69.0	103.6
115	37.3	27.1	40.7



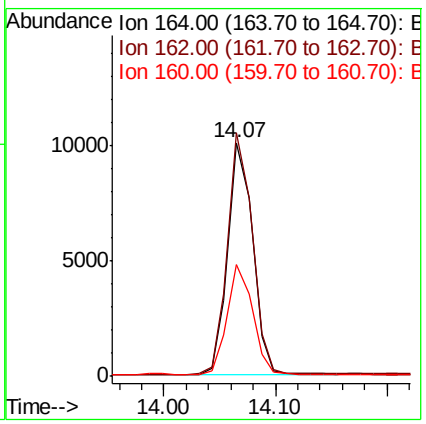


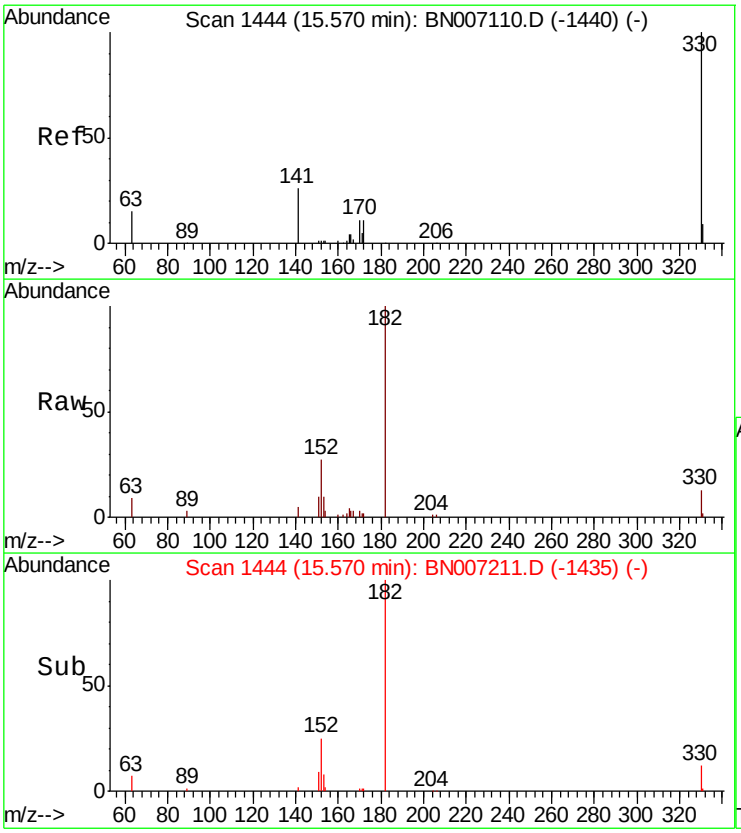
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 15487

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.2	123.4
160	48.0	38.3	57.5

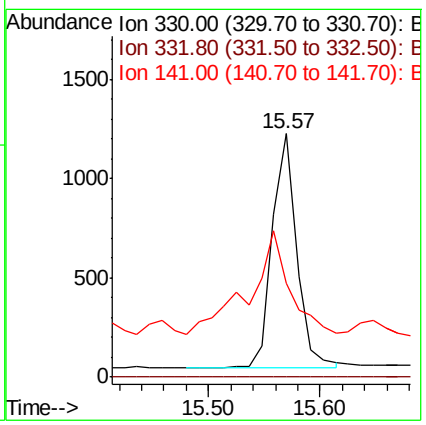


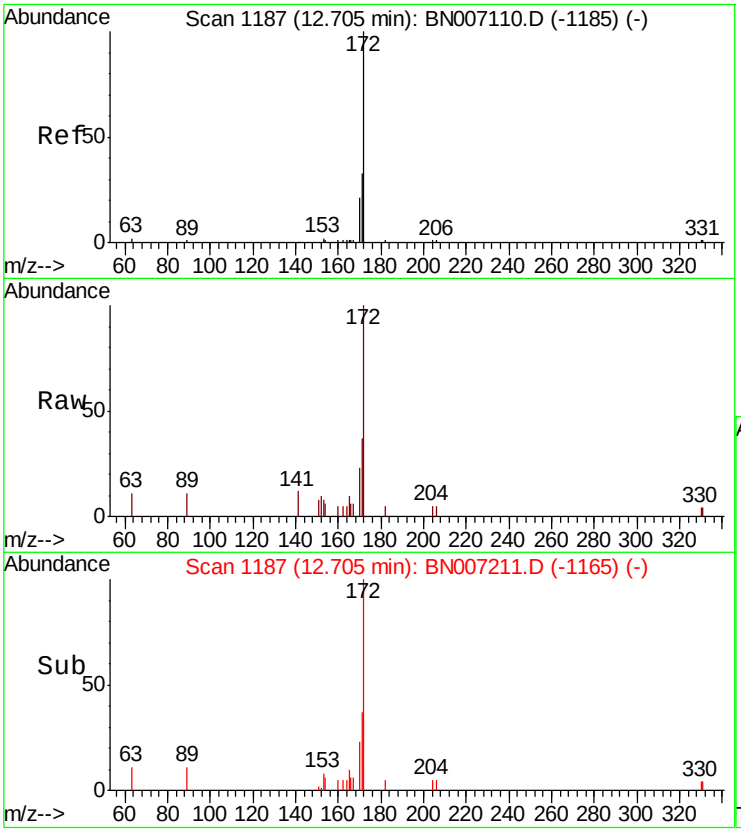


#13
2,4,6-Tribromophenol
Concen: 0.216 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Tgt Ion:330 Resp: 1800

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	73.5	33.6	50.4#



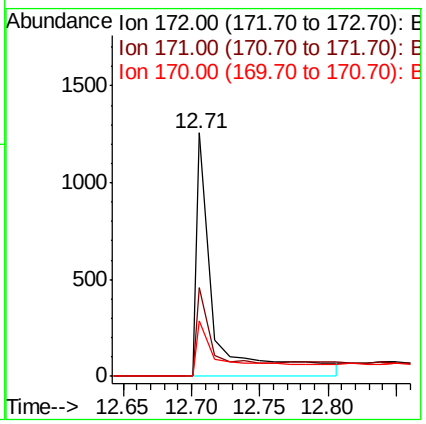


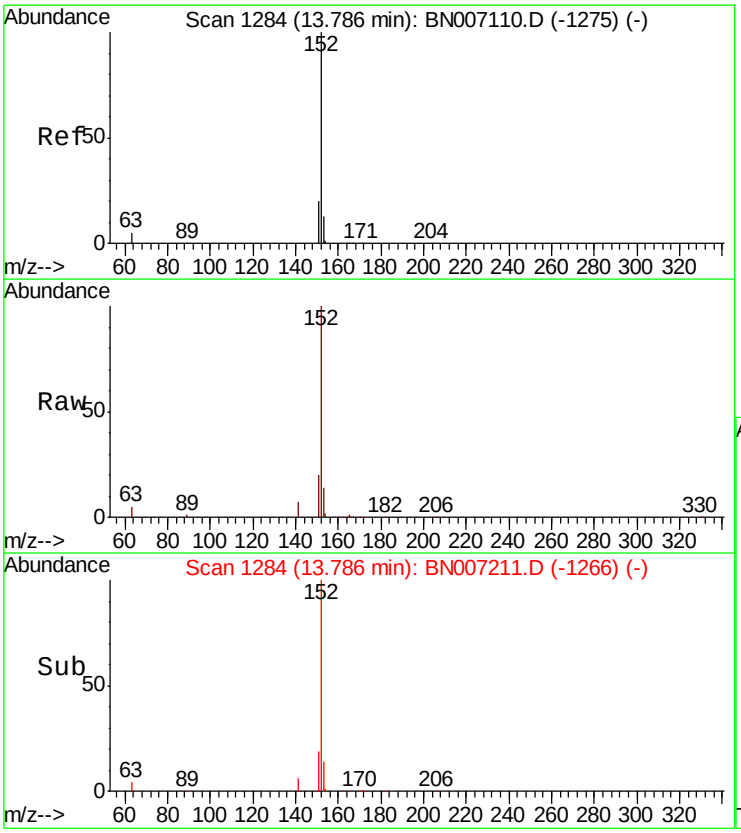
#14
2-Fluorobiphenyl
Concen: 0.055 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 1238

Ion	Ratio	Lower	Upper
172	100		
171	36.6	26.3	39.5
170	22.7	17.0	25.4

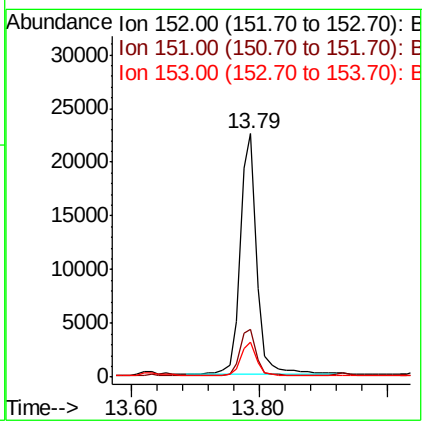


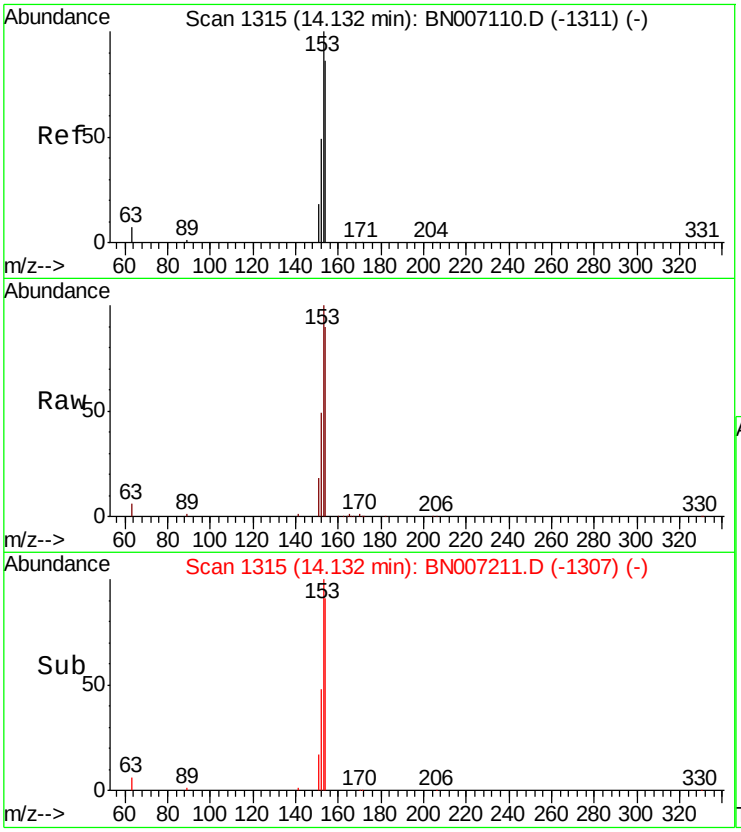


#15
Acenaphthylene
Concen: 0.503 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Tgt Ion:152 Resp: 40705

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.6	10.4	15.6



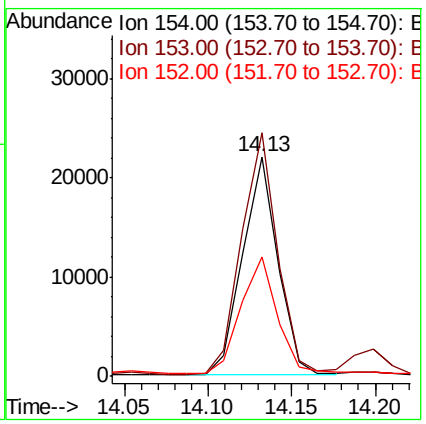


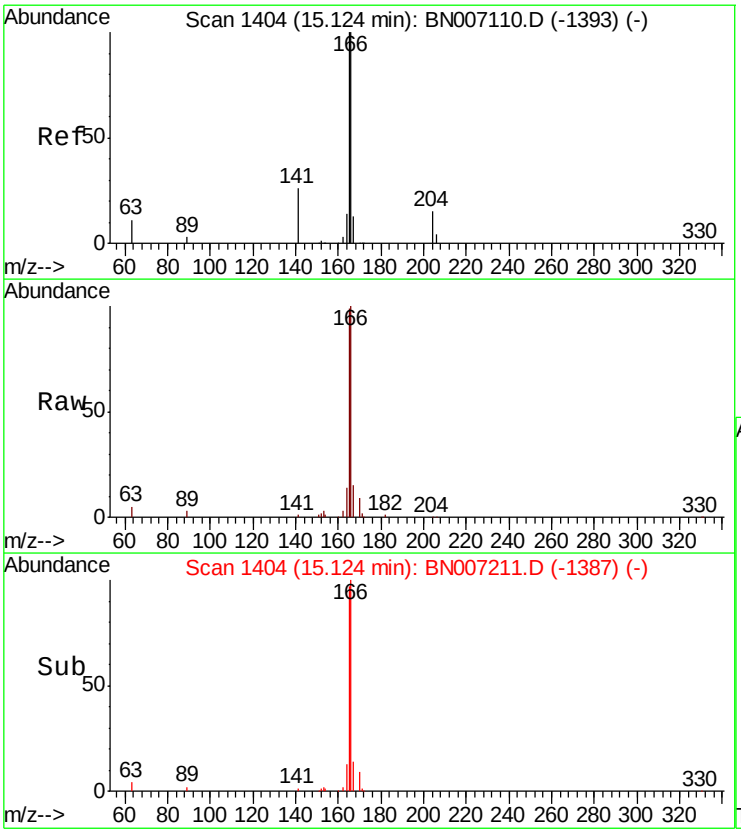
#16
Acenaphthene
Concen: 0.621 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 32204

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.5	134.3
152	56.8	44.8	67.2

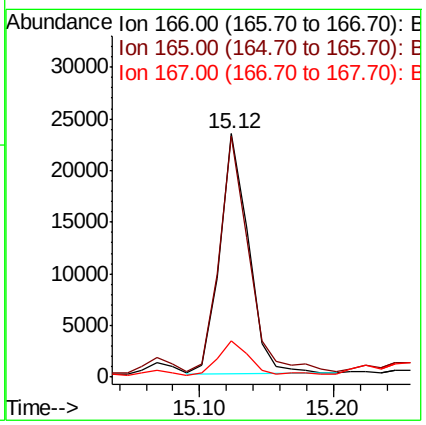


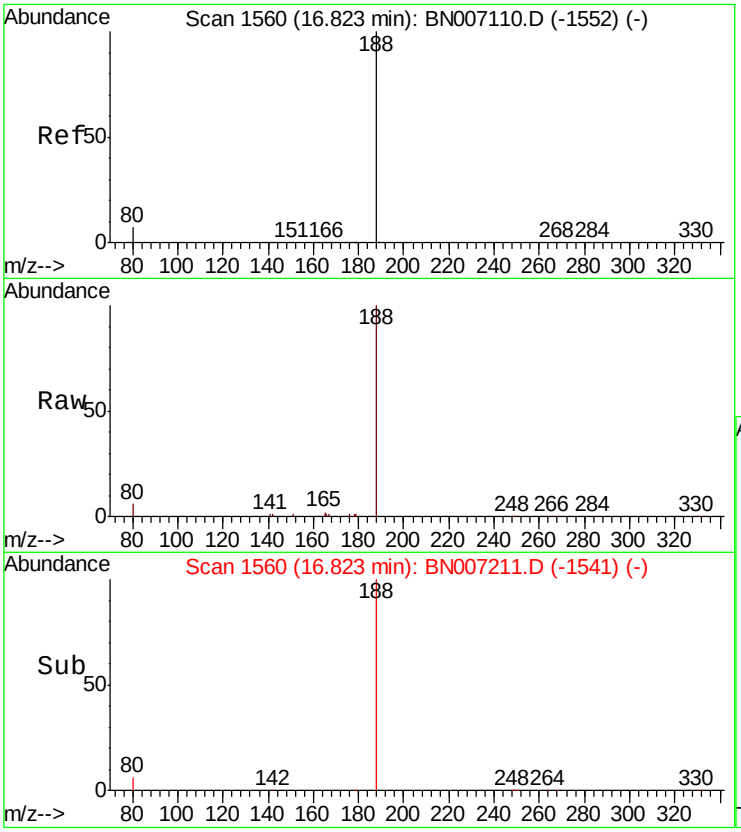


#17
Fluorene
Concen: 0.447 ng
RT: 15.12 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Tgt Ion:166 Resp: 34657

Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.9	116.9
167	16.1	10.9	16.3



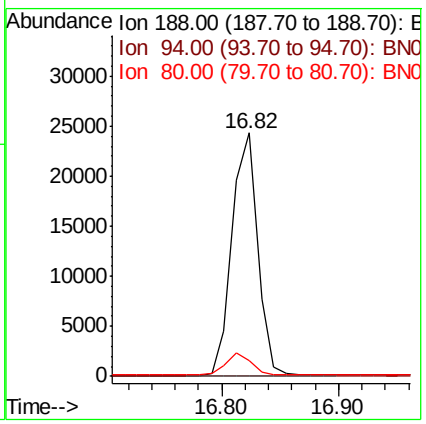


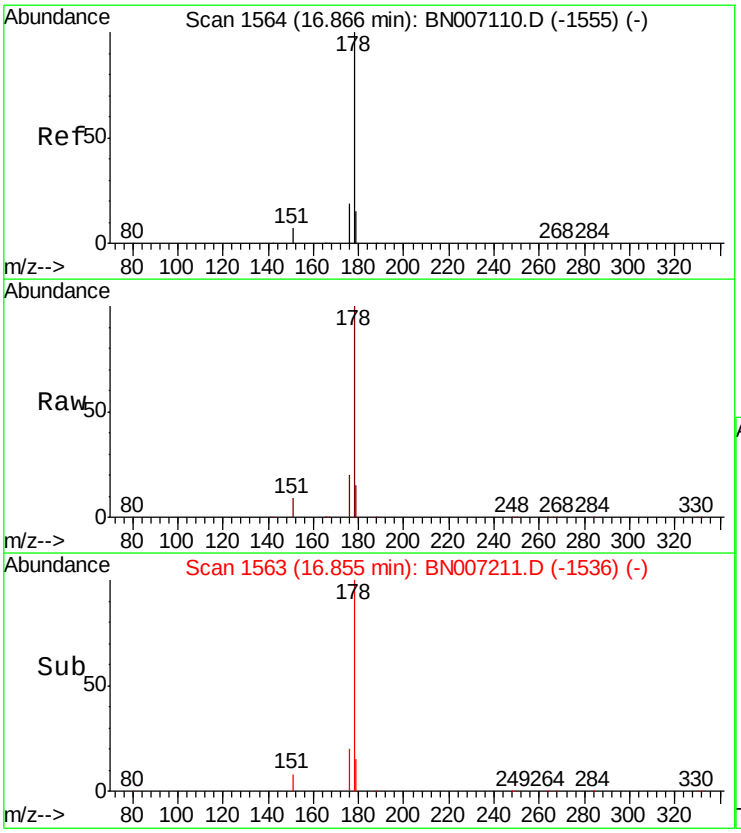
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 36579

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	7.8	11.6#

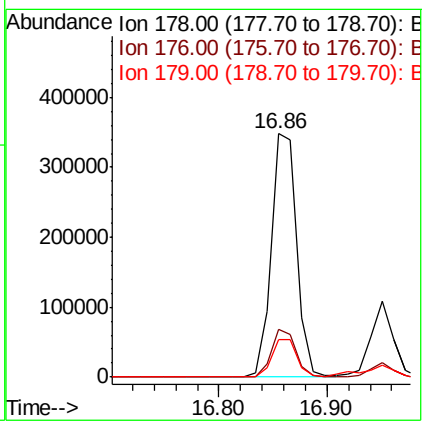


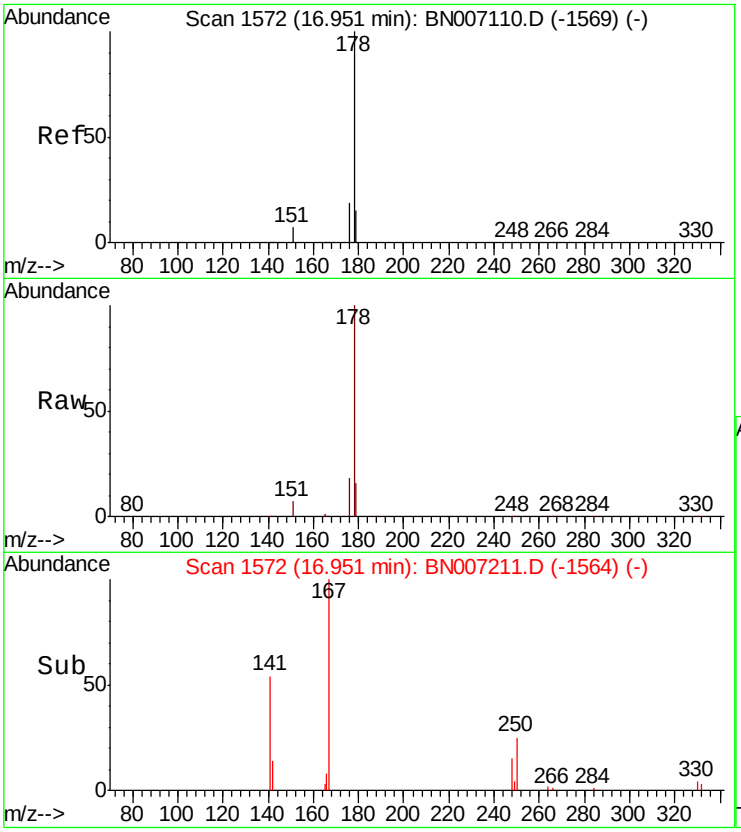


#22
Phenanthrene
Concen: 5.147 ng
RT: 16.86 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Tgt Ion:178 Resp: 564209

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



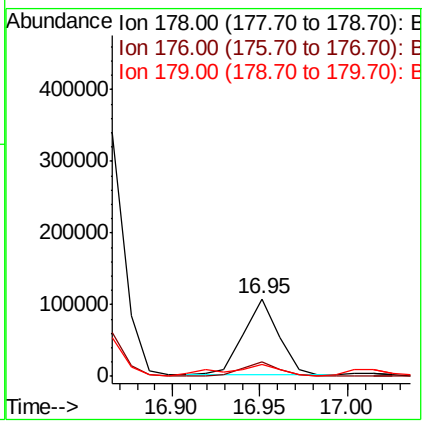


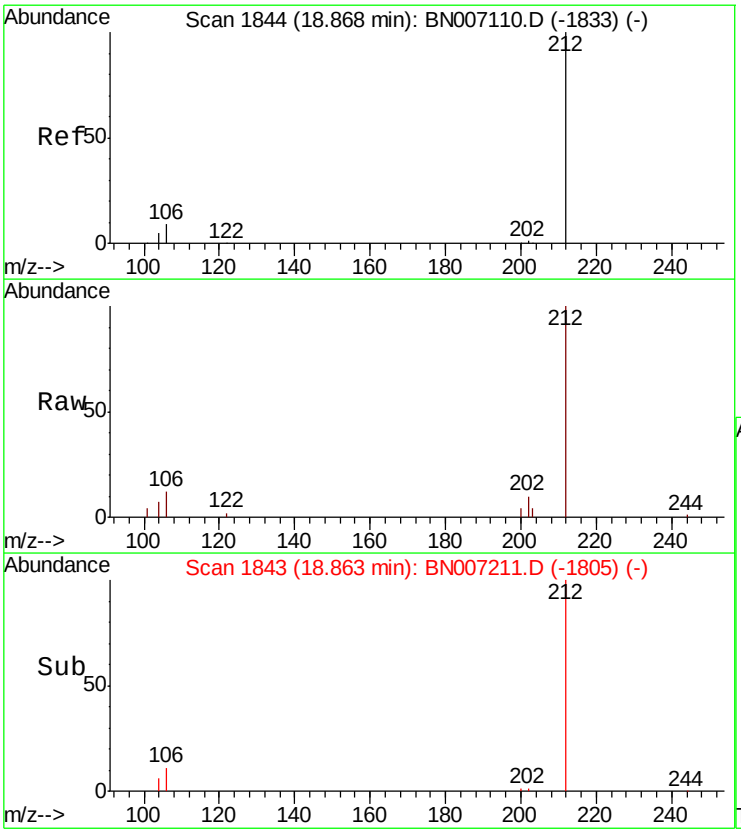
#23
Anthracene
Concen: 1.474 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 147610

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	22.1	12.5	18.7#

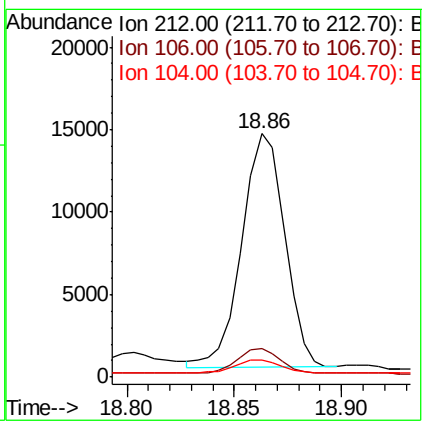


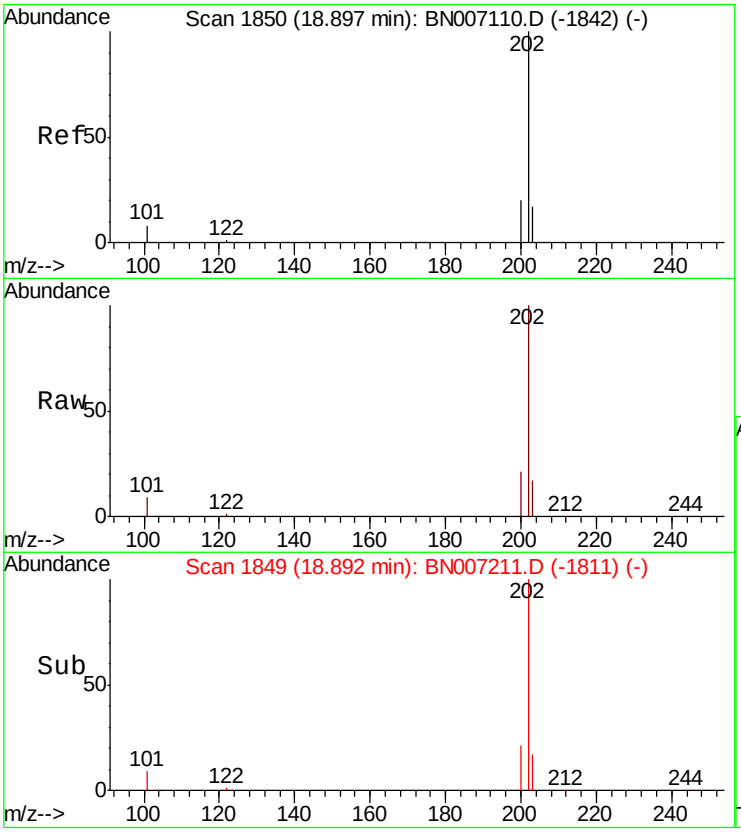


#24
Fluoranthene-d10
Concen: 0.152 ng
RT: 18.86 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Tgt Ion:212 Resp: 19685

Ion	Ratio	Lower	Upper
212	100		
106	10.7	8.2	12.2
104	6.5	4.5	6.7



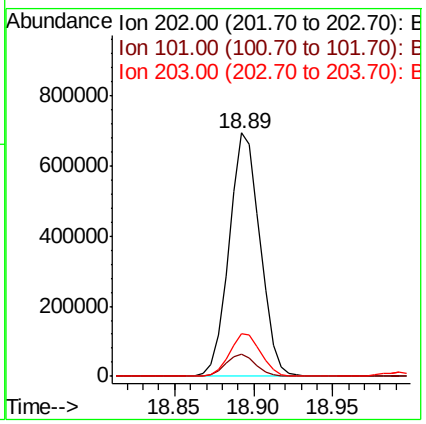


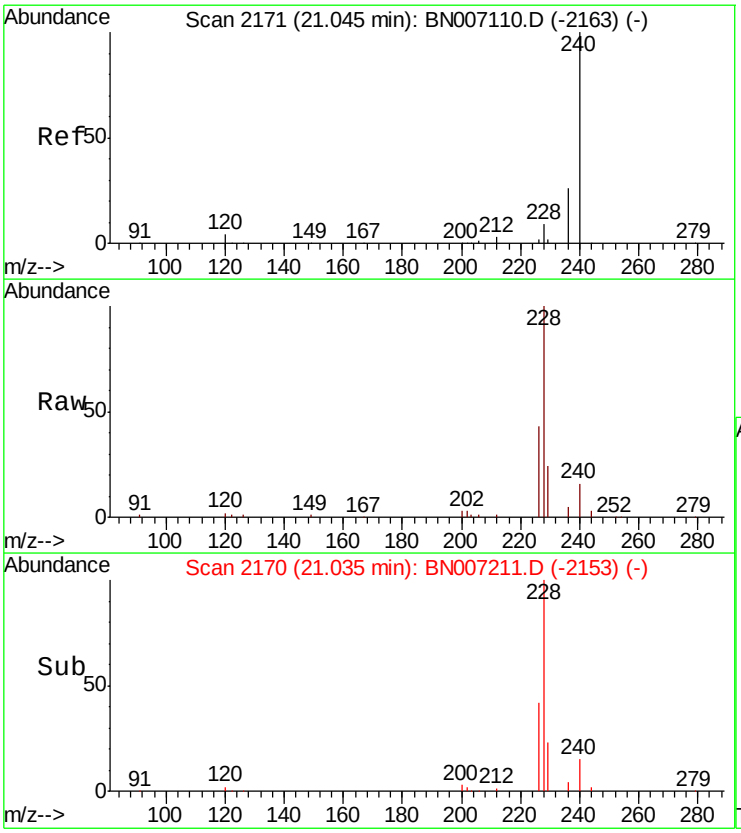
#25
Fluoranthene
Concen: 6.727 ng
RT: 18.89 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 943396

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.0	10.4
203	17.5	13.8	20.8

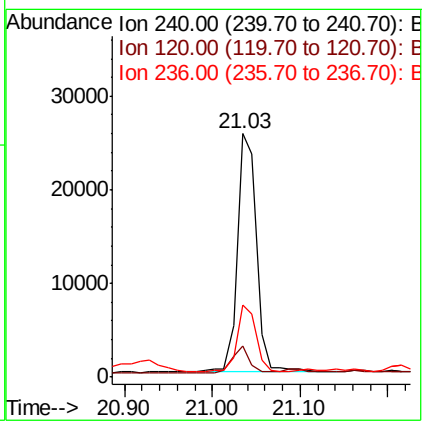


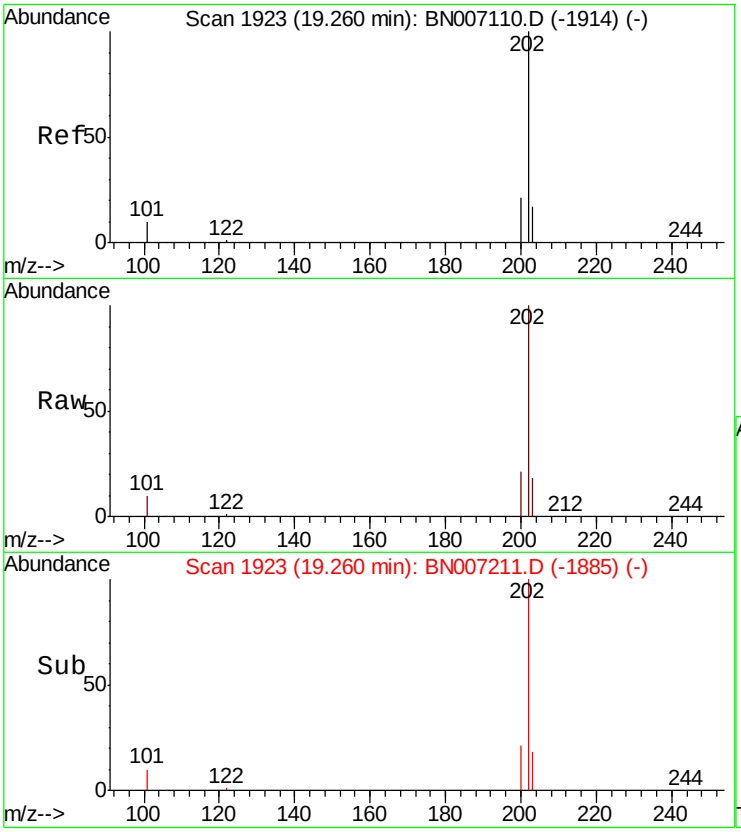


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Tgt Ion:240 Resp: 38531

Ion	Ratio	Lower	Upper
240	100		
120	12.7	4.0	6.0#
236	29.6	21.3	31.9



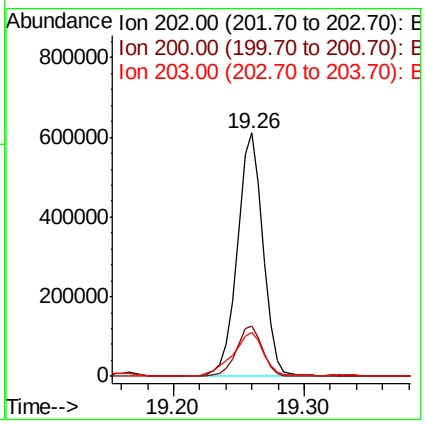


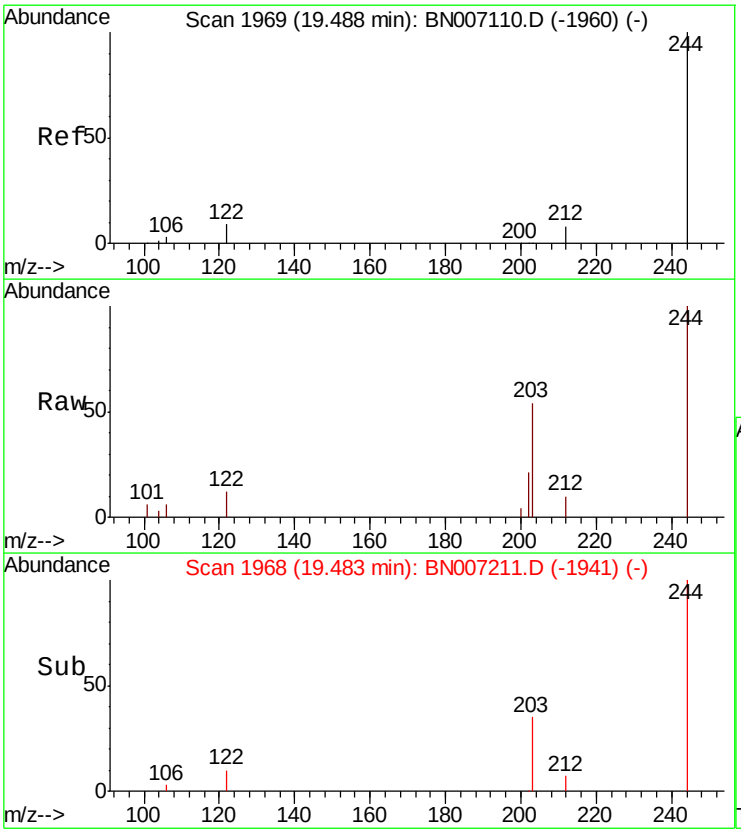
#27
Pyrene
Concen: 6.216 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 839950

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	22.2	14.0	21.0#

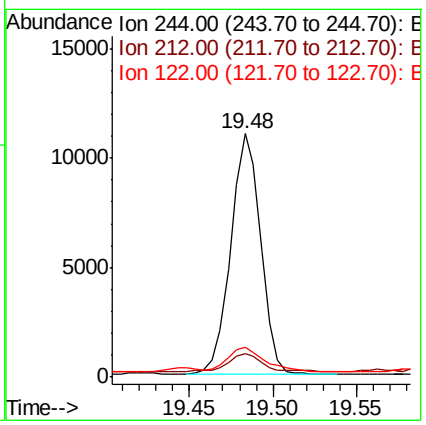


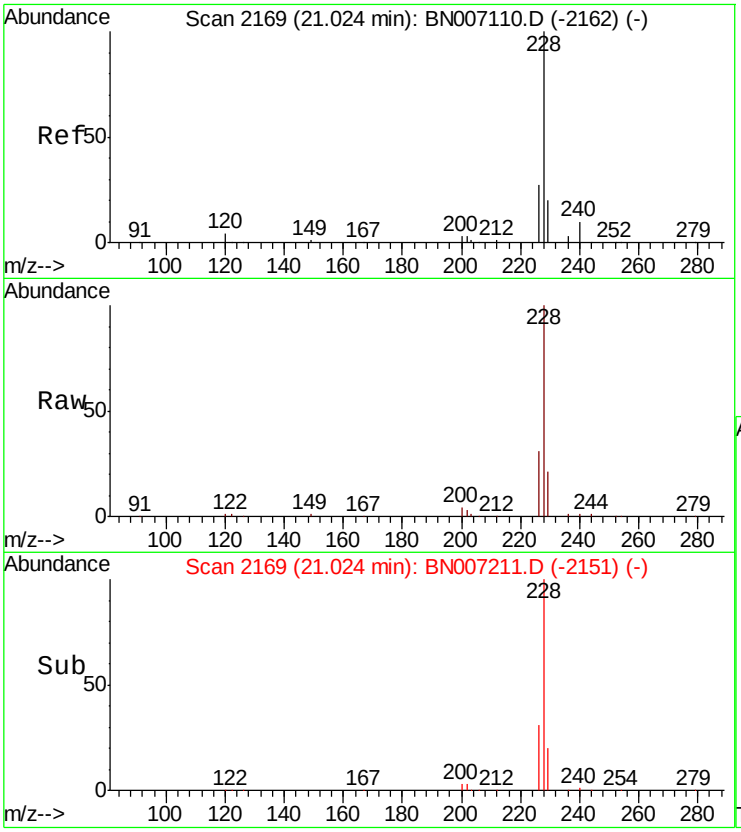


#28
Terphenyl-d14
Concen: 0.130 ng
RT: 19.48 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Tgt Ion:244 Resp: 13629

Ion	Ratio	Lower	Upper
244	100		
212	9.7	6.2	9.2#
122	12.3	7.4	11.2#



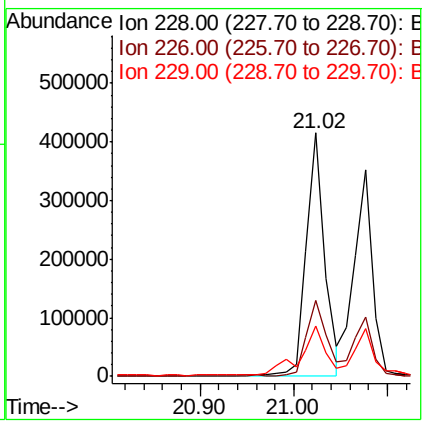


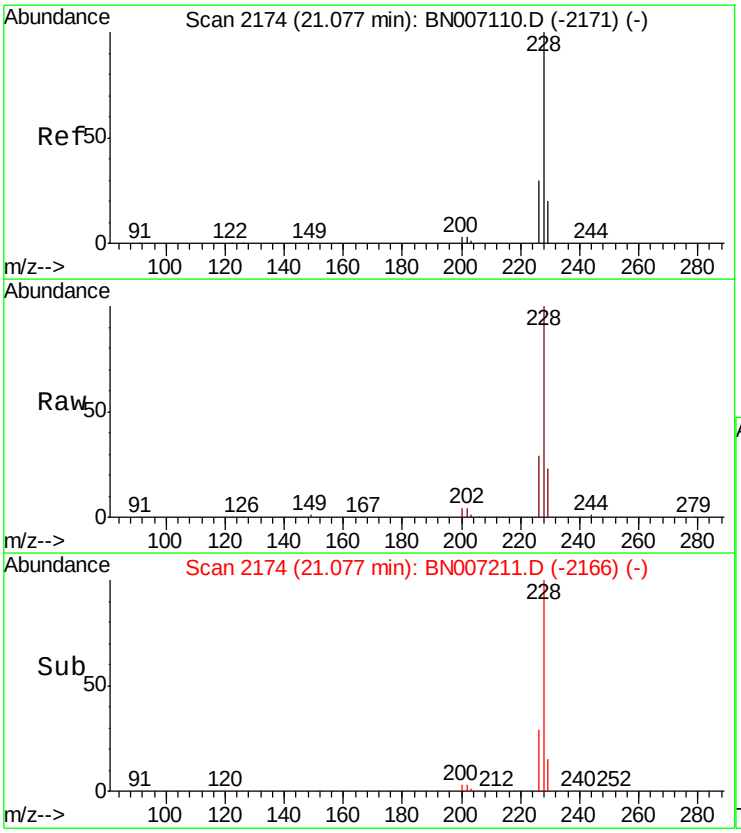
#29
Benzo(a)anthracene
Concen: 3.972 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 559679

Ion	Ratio	Lower	Upper
228	100		
226	31.2	21.8	32.6
229	20.9	15.6	23.4

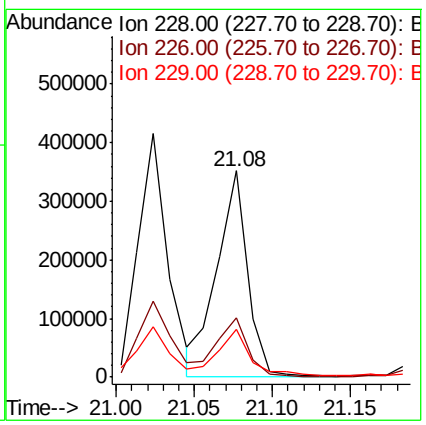


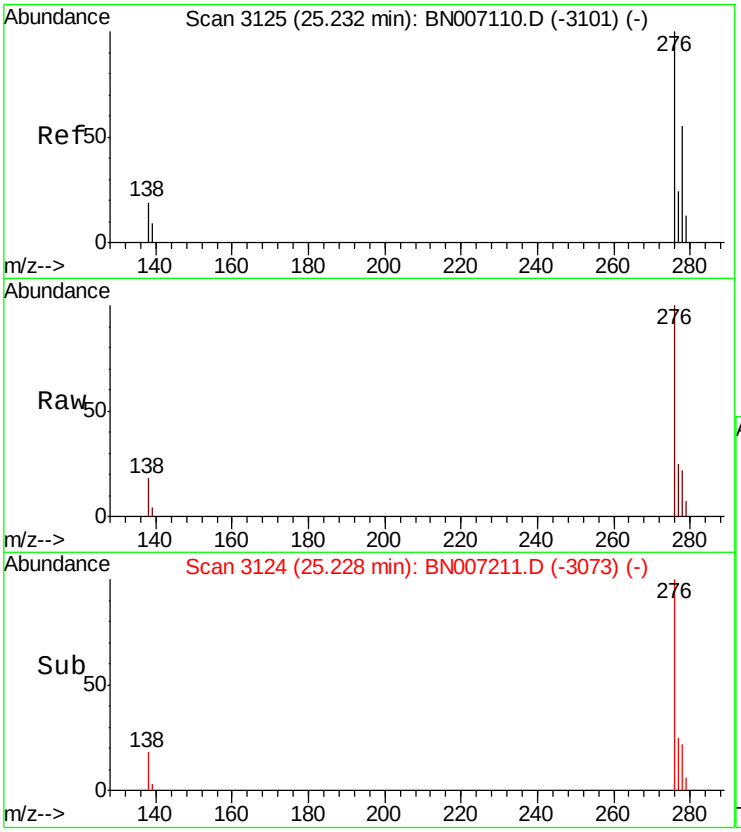


#30
Chrysene
Concen: 3.462 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Tgt Ion:228 Resp: 473957

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.8	35.6
229	23.0	15.7	23.5



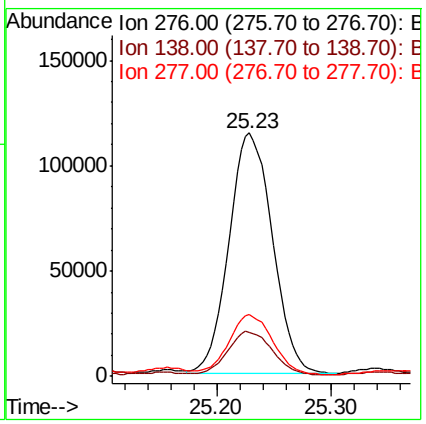


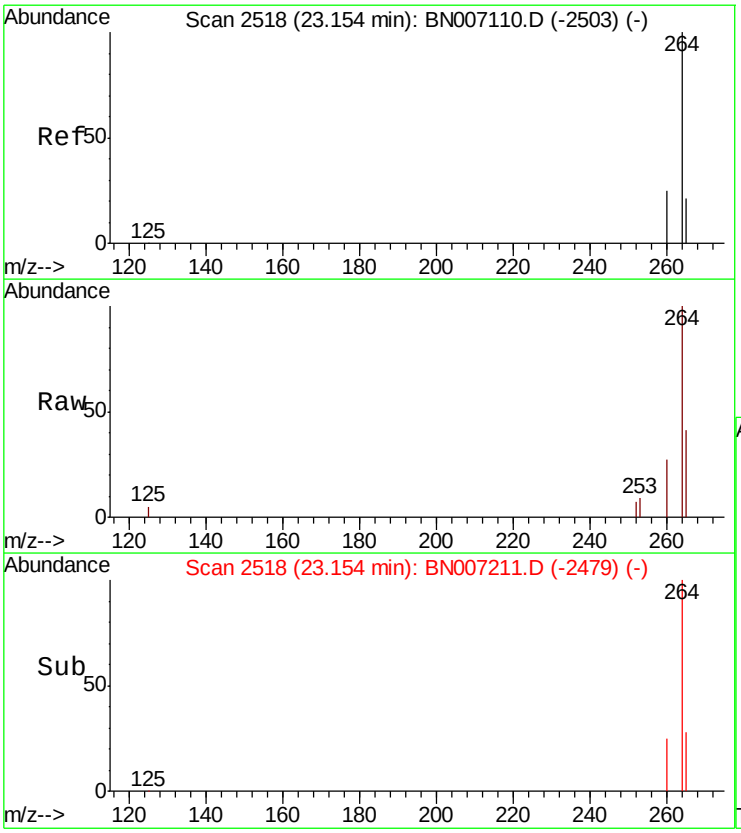
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.975 ng
RT: 25.23 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 298021

Ion	Ratio	Lower	Upper
276	100		
138	18.5	16.0	24.0
277	25.1	19.9	29.9

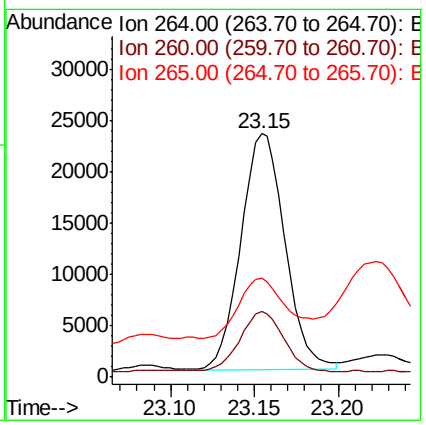


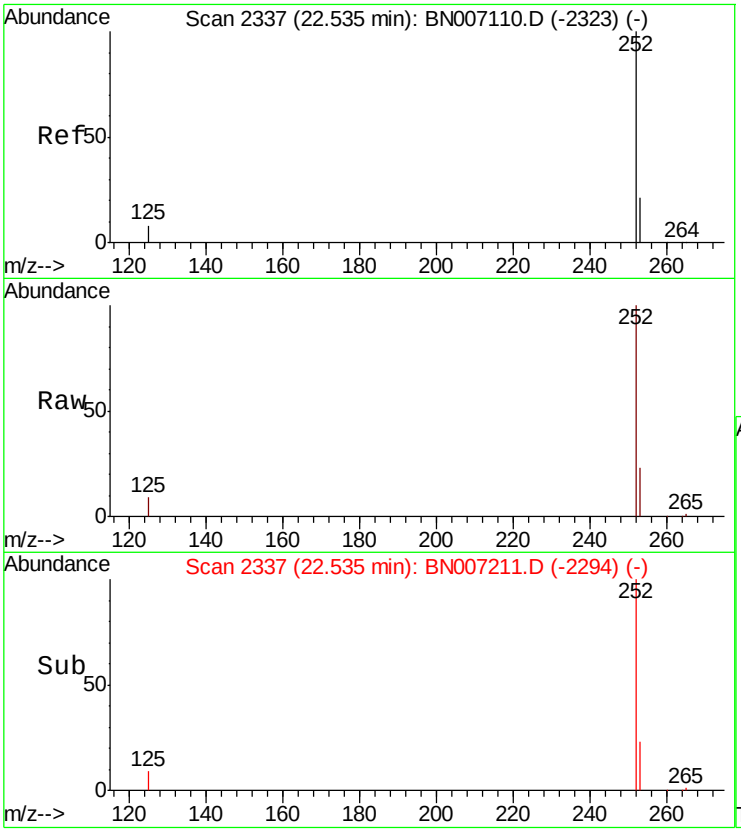


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Tgt Ion:264 Resp: 42477

Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.8	29.8
265	40.5	26.2	39.4#



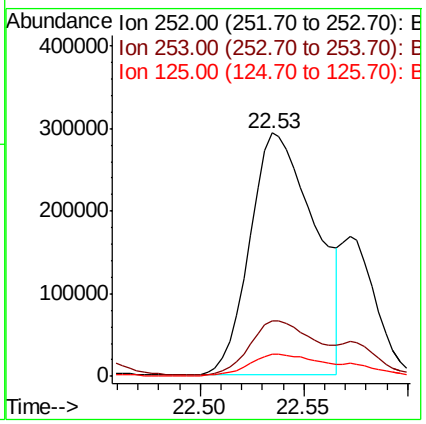


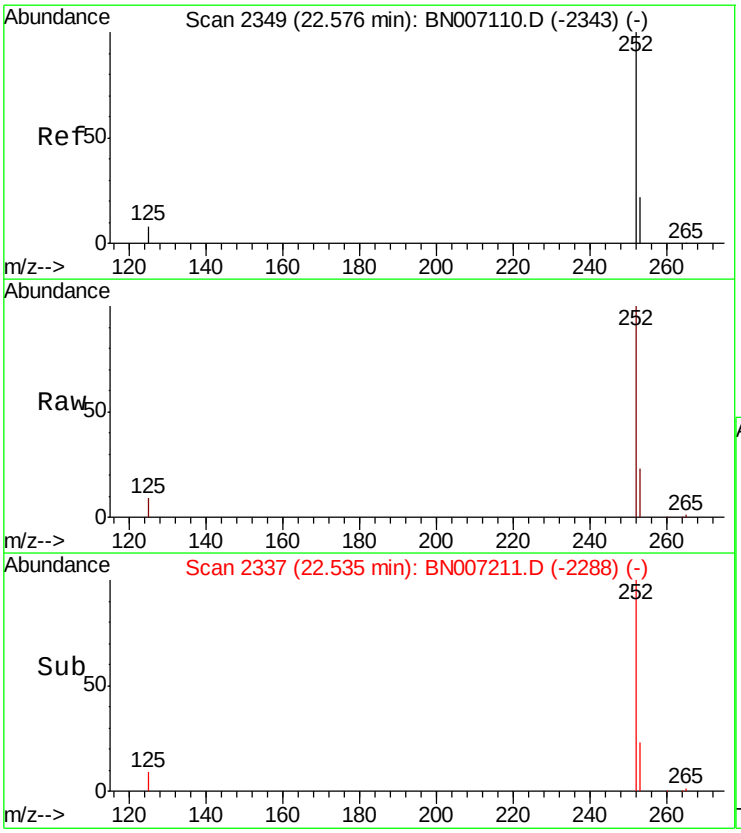
#33
Benzo(b)fluoranthene
Concen: 4.399 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 640693

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	8.9	7.4	11.0

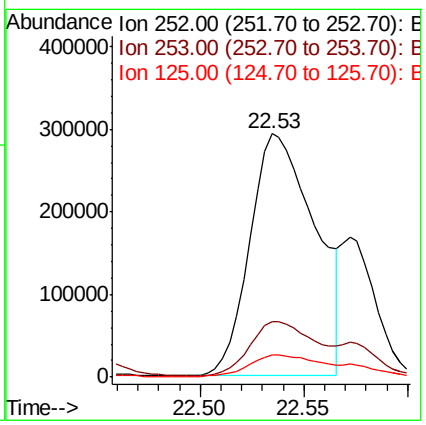


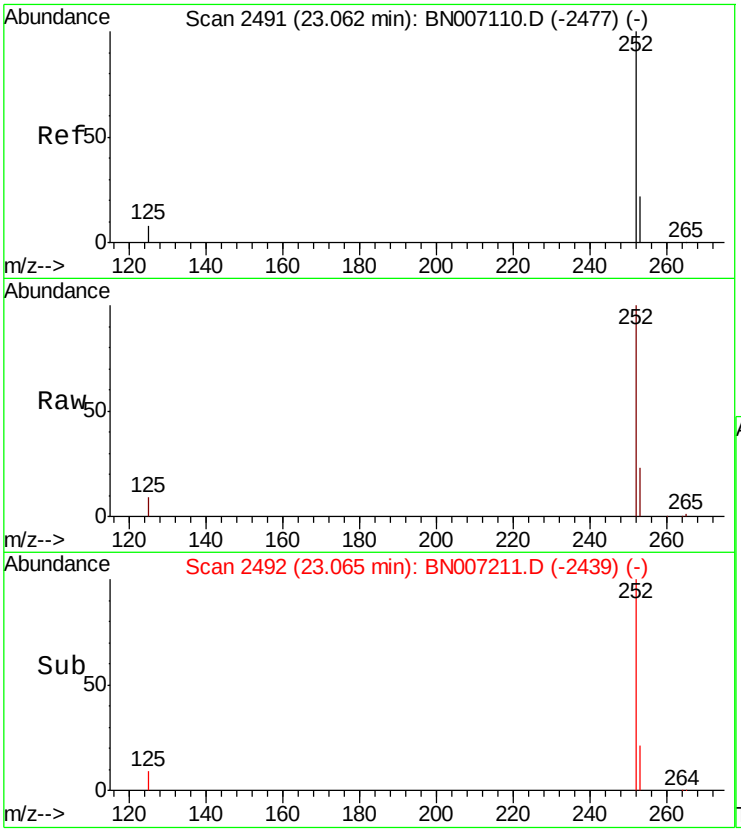


#34
Benzo(k)fluoranthene
Concen: 4.454 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.05 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Tgt Ion:252 Resp: 640693

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	8.9	7.4	11.0



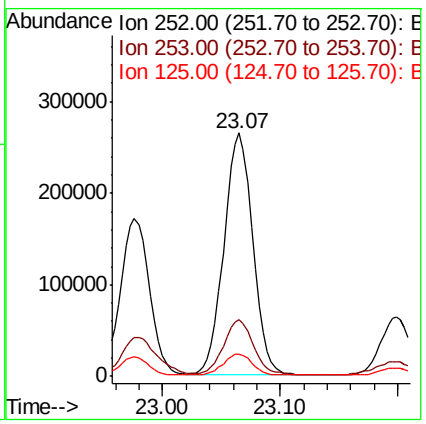


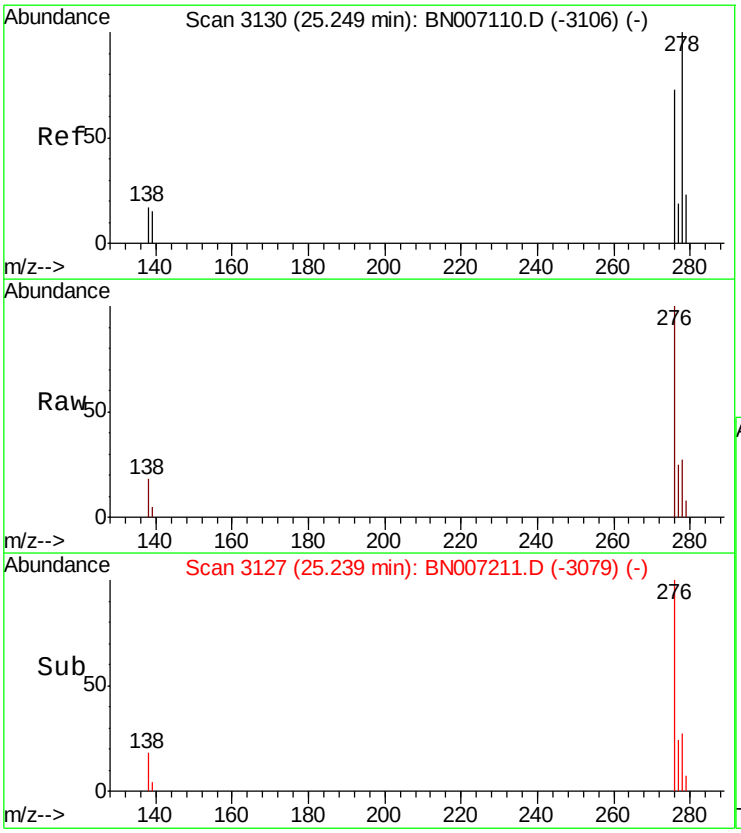
#35
Benzo(a)pyrene
Concen: 3.393 ng
RT: 23.07 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 448047

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	9.3	8.2	12.4

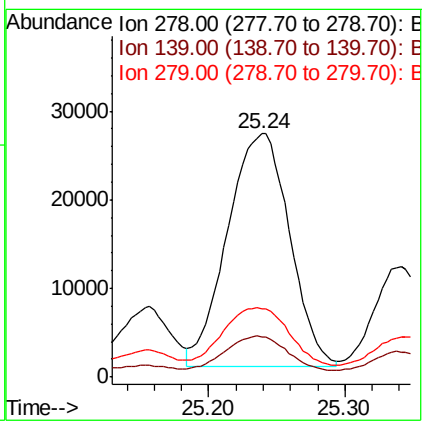


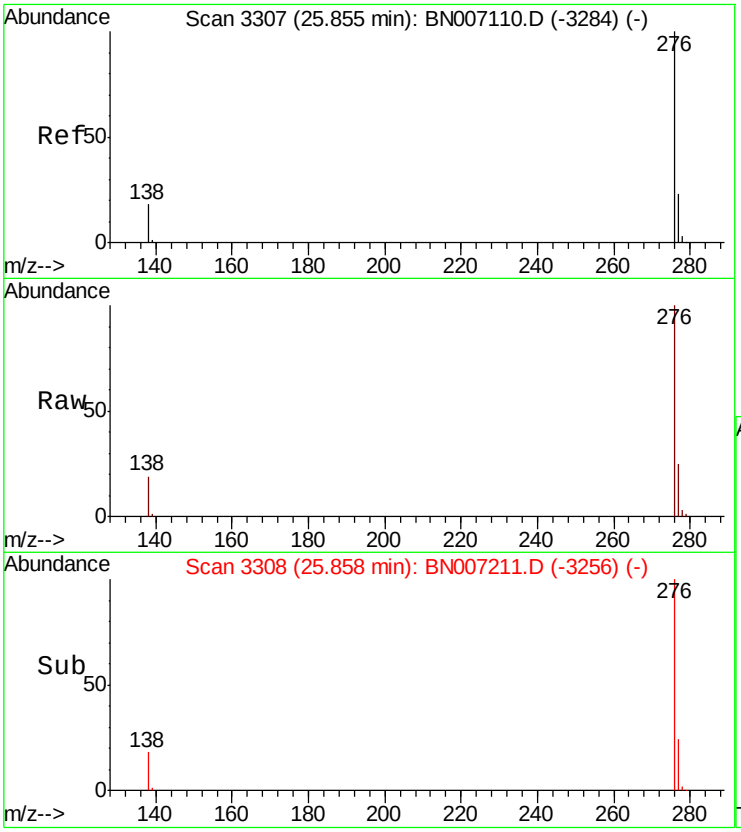


#36
Dibenzo(a,h)anthracene
Concen: 0.632 ng
RT: 25.24 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Tgt Ion:278 Resp: 83256

Ion	Ratio	Lower	Upper
278	100		
139	16.5	11.3	16.9
279	28.2	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 1.984 ng
RT: 25.86 min Scan# 3308
Delta R.T. -0.02 min
Lab File: BN007211.D
Acq: 15 Aug 2019 23:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 268945

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.8	29.8
138	18.6	14.6	22.0