Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081419\
Data File : BN007177.D
Acq On : 14 Aug 2019 23:29
Operator : HP/JU
Sample : K4239-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 15 11:04:23 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	7575	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	27767	0.40	ng		0.00
12) Acenaphthene-d10	14.07	164	14946	0.40	ng		-0.01
18) Phenanthrene-d10	16.82	188	34206	0.40	ng		0.00
26) Chrysene-d12	21.05	240	33975	0.40	ng		-0.01
32) Perylene-d12	23.15	264	39355	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	5032	0.28	ng		0.00
4) Phenol-d6	6.61	99	6448	0.29	ng		0.00
7) Nitrobenzene-d5	8.55	82	5313	0.24	ng		-0.01
10) 2-Methylnaphthalene-d10	11.79	152	10645	0.21	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	652	0.08	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	1799	0.08	ng		0.00
24) Fluoranthene-d10	18.87	212	23913	0.20	ng		0.00
28) Terphenyl-d14	19.48	244	17549	0.19	ng		-0.01
Target Compounds							Qvalue
11) 2-Methylnaphthalene	11.86	142	1170	0.021	ng	#	86
15) Acenaphthylene	13.79	152	12243	0.157	ng		98
16) Acenaphthene	14.13	154	1329	0.027	ng		94
17) Fluorene	15.12	166	3273	0.044	ng	#	79
22) Phenanthrene	16.87	178	54103	0.528	ng		99
23) Anthracene	16.95	178	7546	0.081	ng		97
25) Fluoranthene	18.90	202	58386	0.445	ng		99
27) Pyrene	19.26	202	100398	0.843	ng		97
29) Benzo(a)anthracene	21.08	228	50655	0.408	ng		94
30) Chrysene	21.08	228	50331	0.417	ng		97
31) Indeno(1,2,3-cd)pyrene	25.23	276	20534	0.154	ng		98
33) Benzo(b)fluoranthene	22.53	252	41882	0.310	ng	#	91
34) Benzo(k)fluoranthene	22.53	252	41882	0.314	ng	#	91
35) Benzo(a)pyrene	23.06	252	34858	0.285	ng	#	93
36) Dibenzo(a,h)anthracene	25.24	278	6441	0.053	ng	#	36
37) Benzo(g,h,i)perylene	25.86	276	25307	0.202	ng	#	92

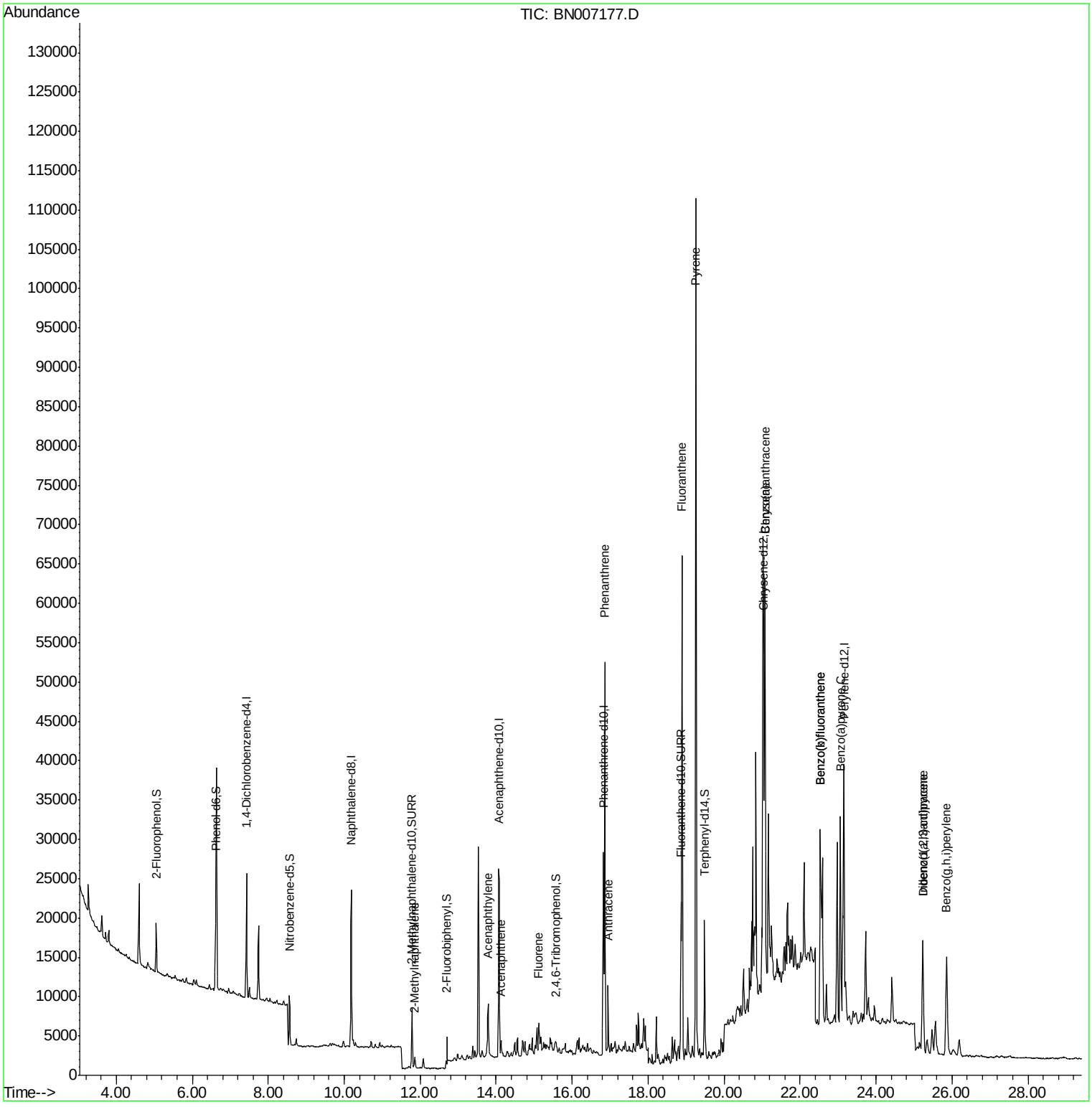
(#) = qualifier out of range (m) = manual integration (+) = signals summed

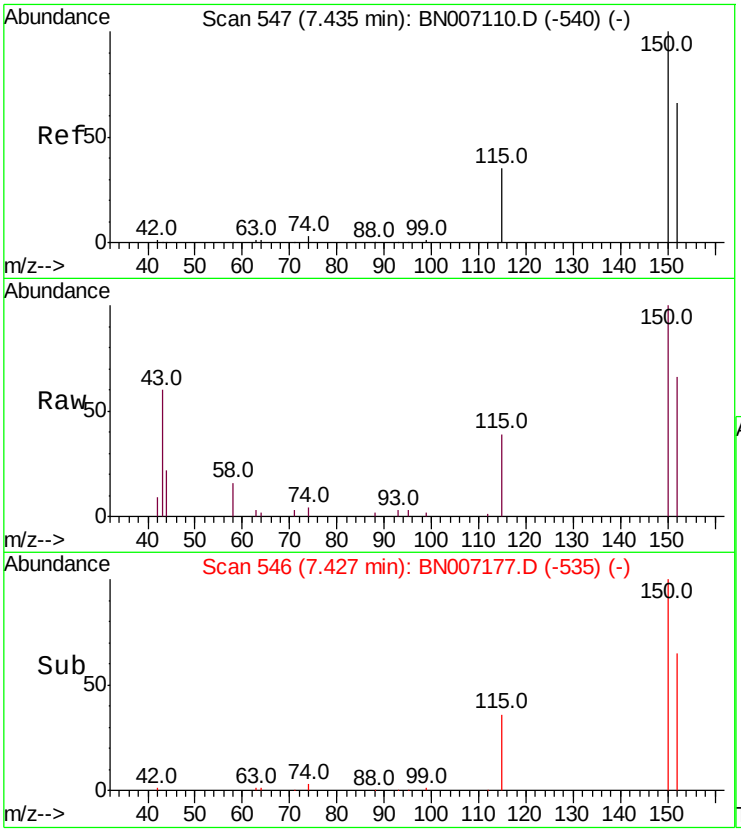
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081419\
Data File : BN007177.D
Acq On : 14 Aug 2019 23:29
Operator : HP/JU
Sample : K4239-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 15 11:04:23 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



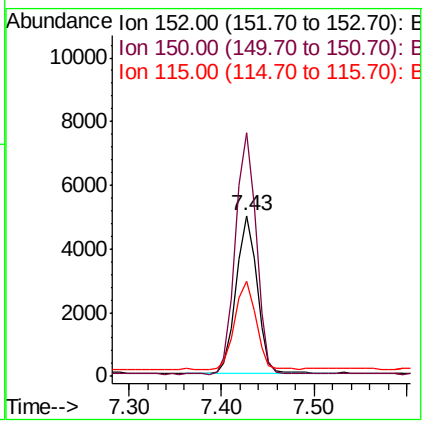


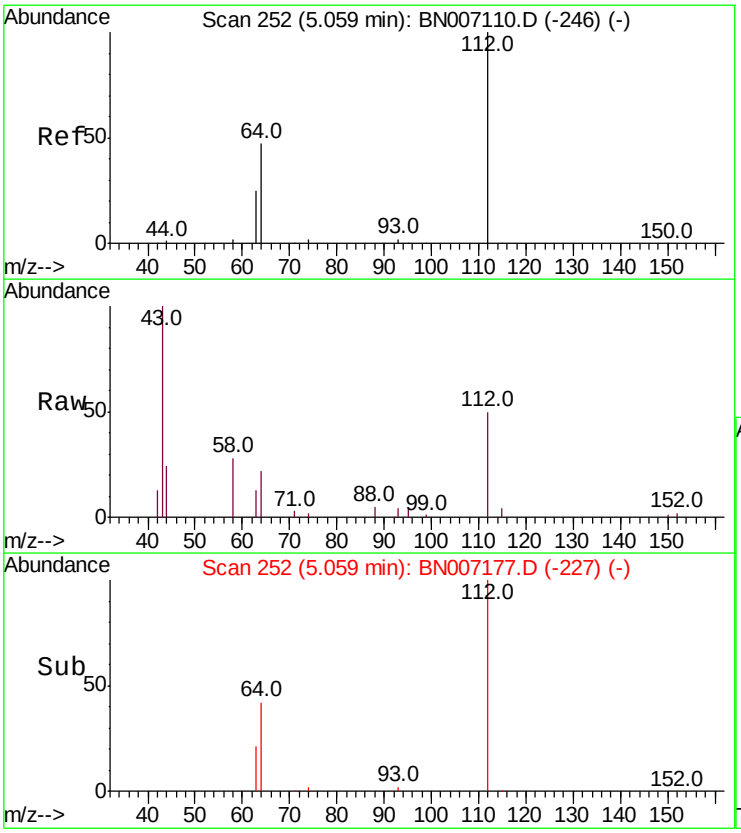
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7575

Ion	Ratio	Lower	Upper
152	100		
150	151.6	121.7	182.5
115	59.0	46.2	69.4

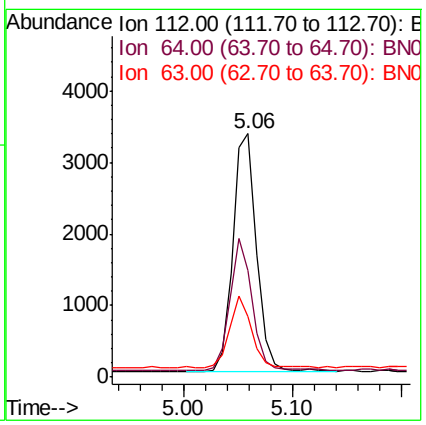


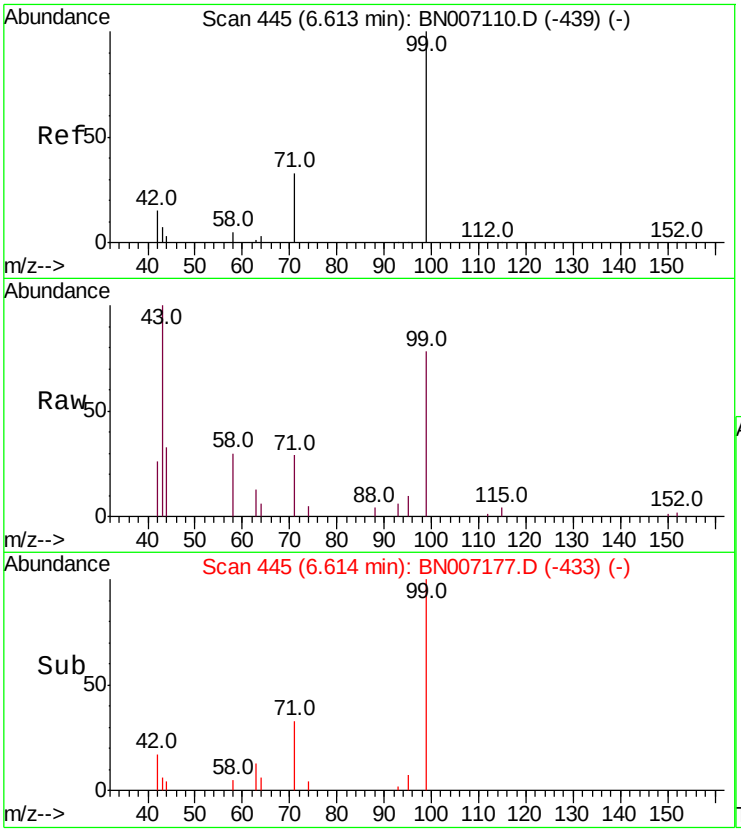


#3
2-Fluorophenol
Concen: 0.276 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Tgt Ion:112 Resp: 5032

Ion	Ratio	Lower	Upper
112	100		
64	53.0	42.6	63.8
63	28.0	22.2	33.2



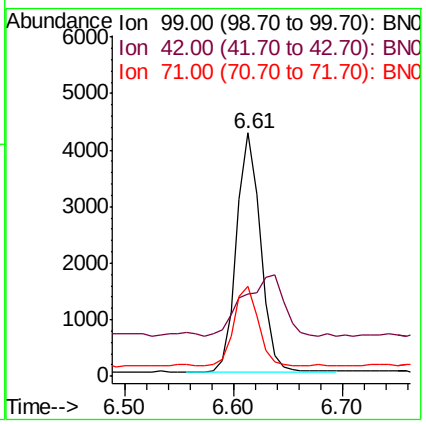


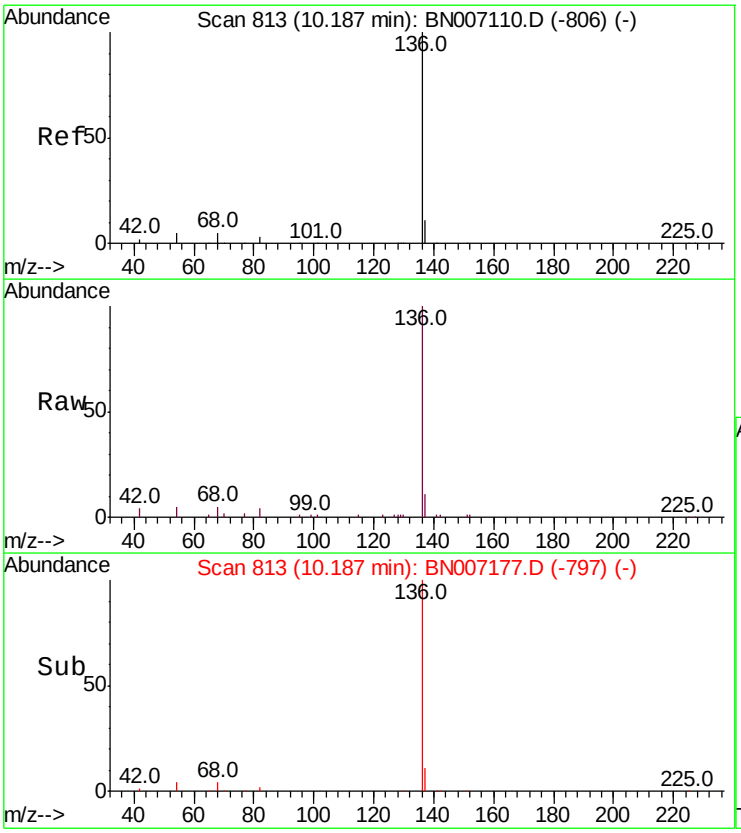
#4
Phenol-d6
Concen: 0.286 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6448

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.8	23.6#
71	34.3	27.0	40.4

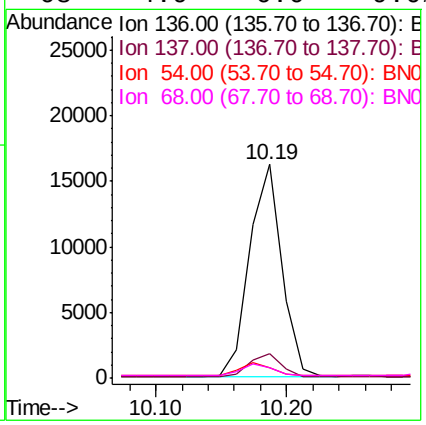


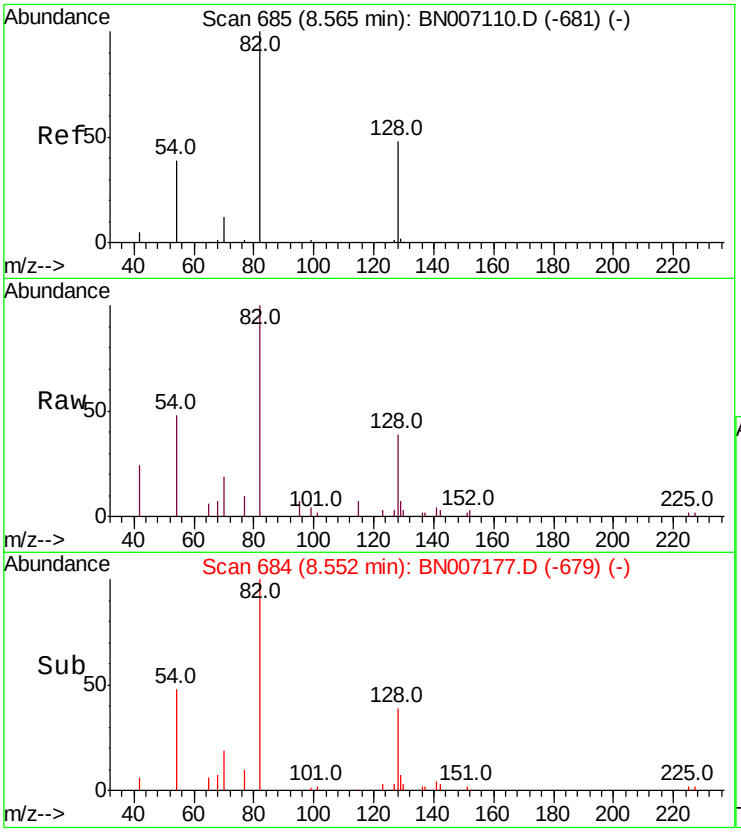


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Tgt Ion:136 Resp: 27767

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	4.7	6.6	9.8#
68	4.9	6.0	9.0#



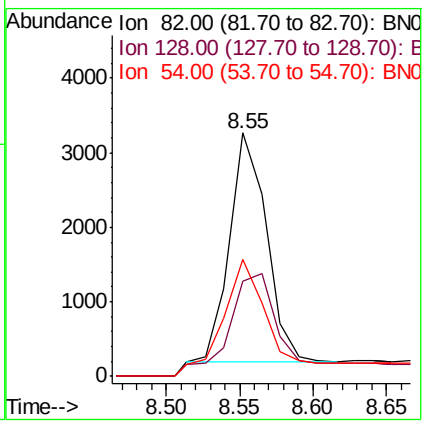


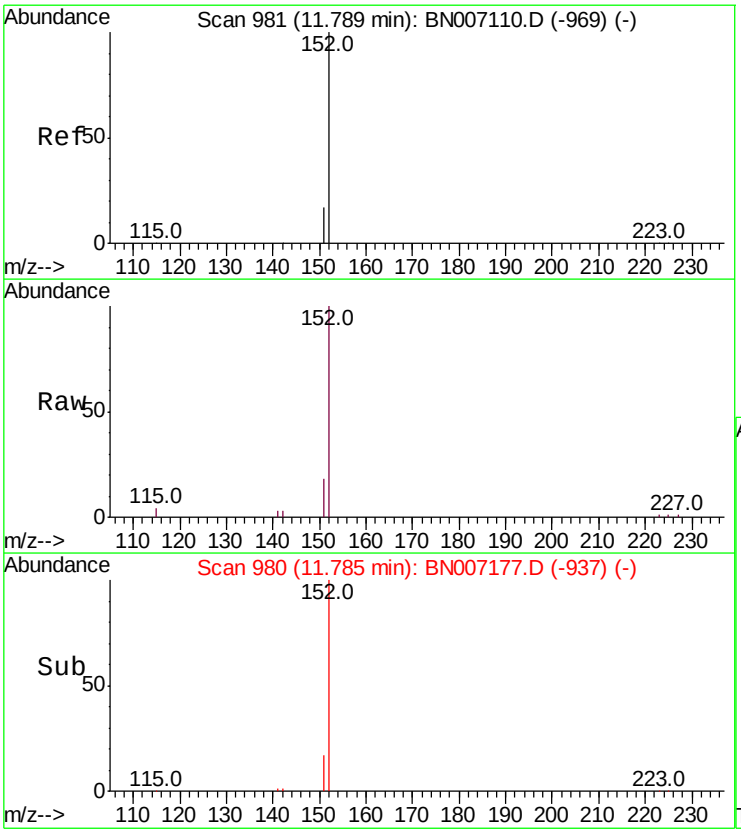
#7
Nitrobenzene-d5
Concen: 0.237 ng
RT: 8.55 min Scan# 684
Delta R.T. -0.01 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 5313

Ion	Ratio	Lower	Upper
82	100		
128	39.1	34.6	51.8
54	48.1	36.2	54.4

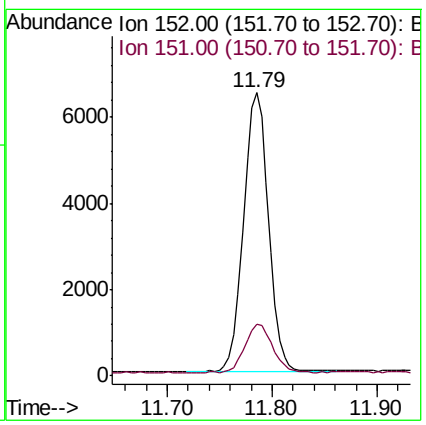


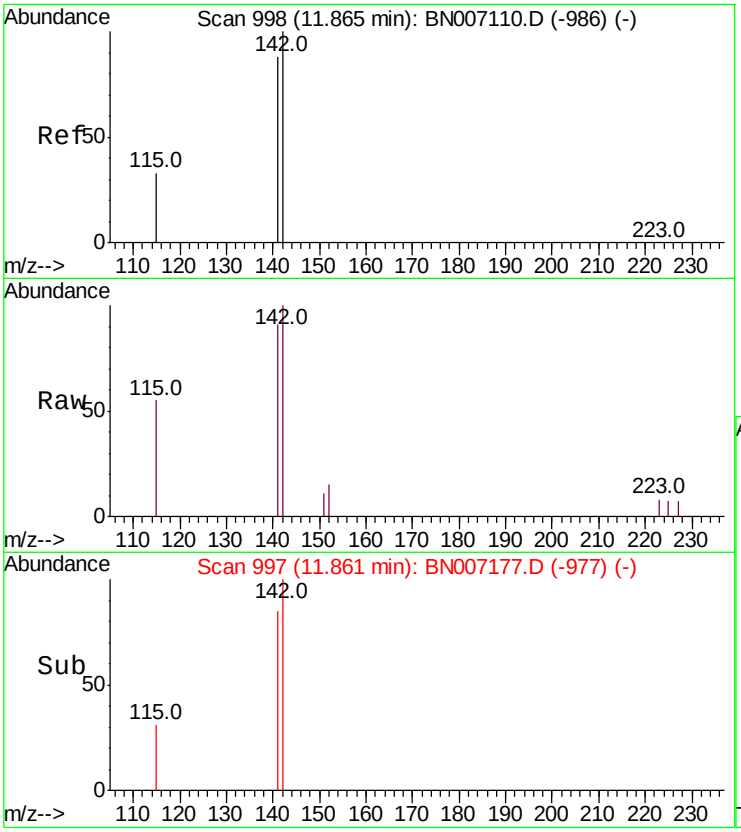


#10
2-Methylnaphthalene-d10
Concen: 0.206 ng
RT: 11.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Tgt Ion:152 Resp: 10645

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3



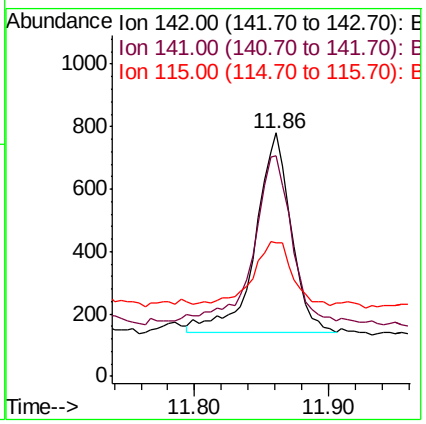


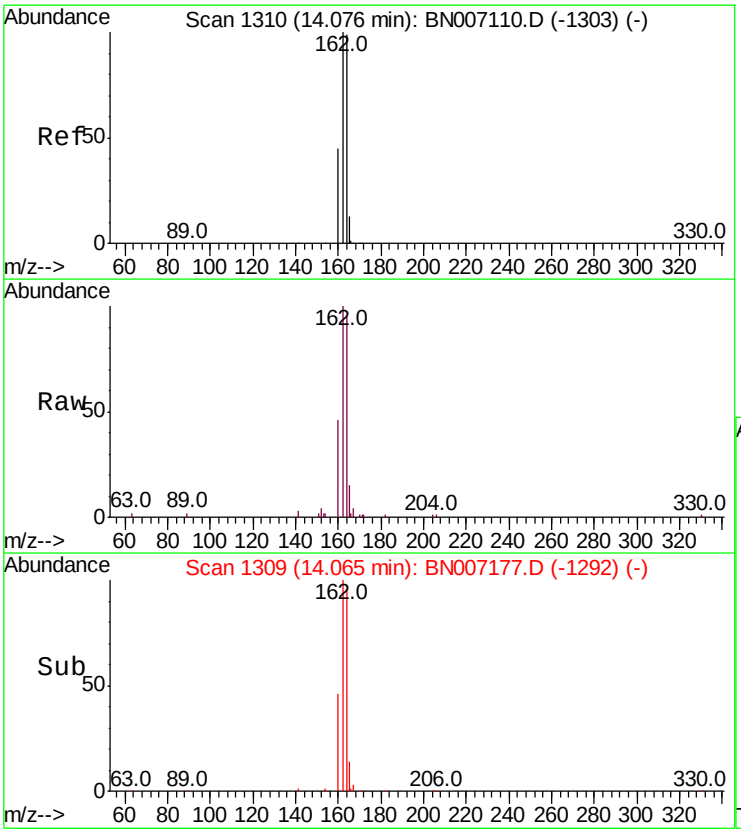
#11
2-Methylnaphthalene
Concen: 0.021 ng
RT: 11.86 min Scan# 997
Delta R.T. -0.01 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 1170

Ion	Ratio	Lower	Upper
142	100		
141	90.6	69.0	103.6
115	55.1	27.1	40.7#

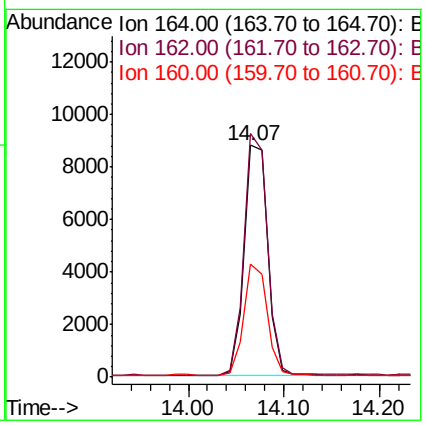


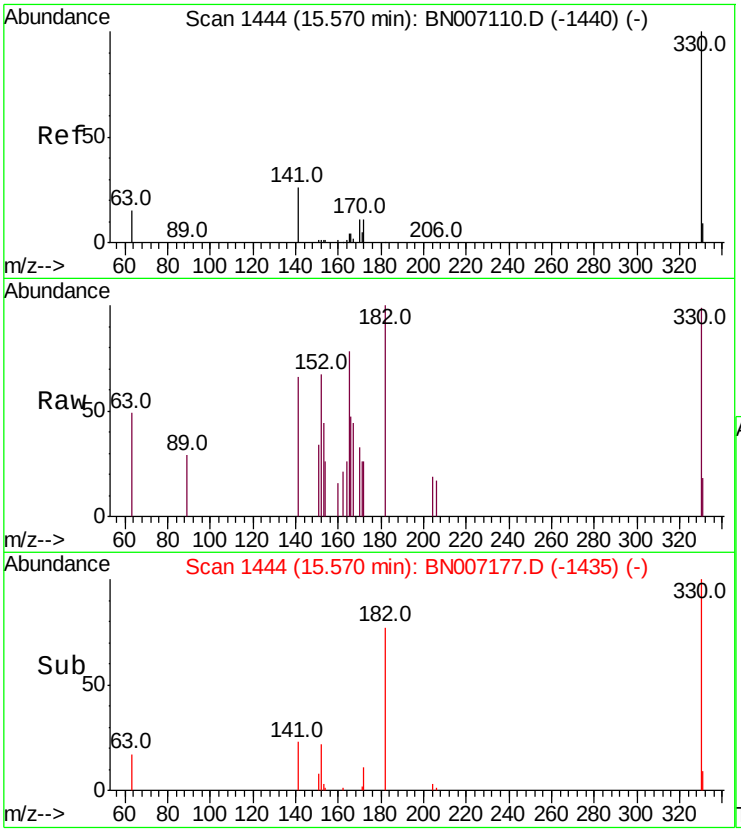


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Tgt Ion:164 Resp: 14946

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.2	123.4
160	48.6	38.3	57.5



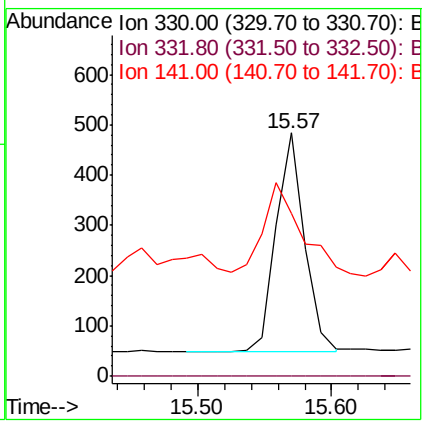


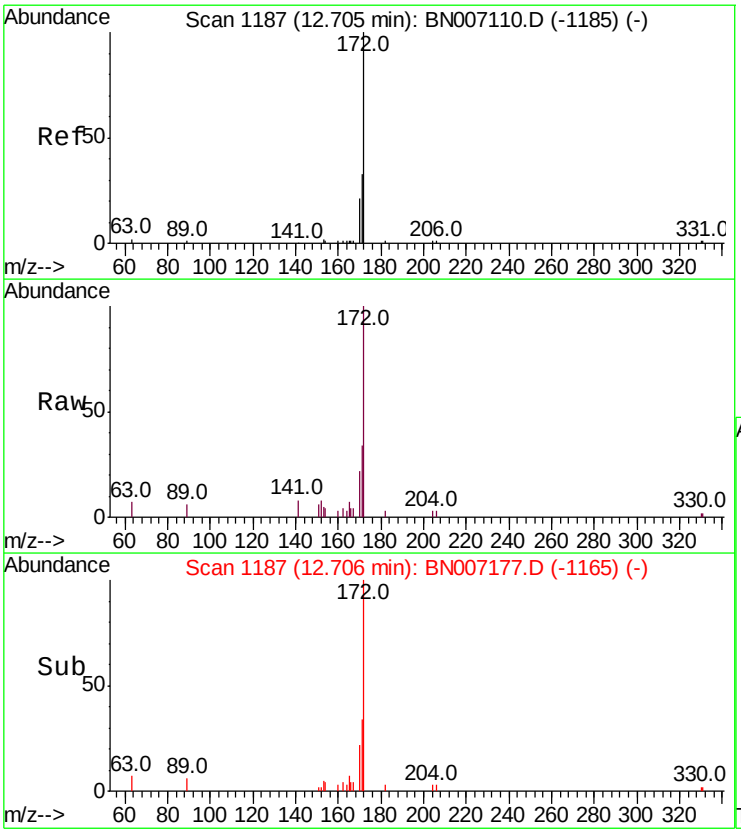
#13
2,4,6-Tribromophenol
Concen: 0.081 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 652

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	53.5	33.6	50.4#

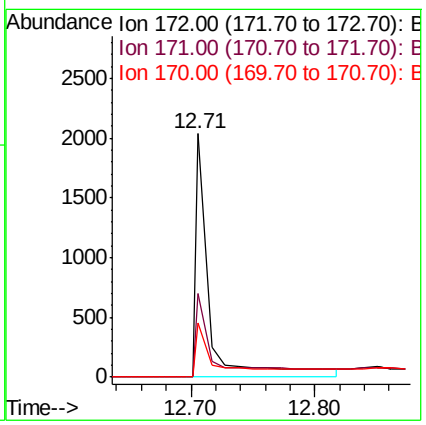


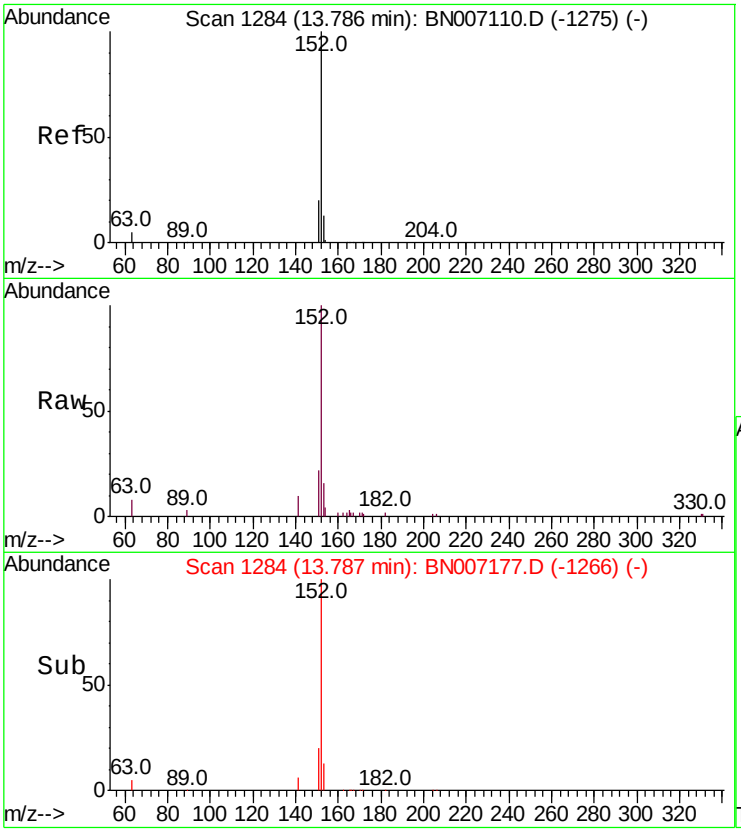


#14
2-Fluorobiphenyl
Concen: 0.083 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Tgt Ion:172 Resp: 1799

Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.3	39.5
170	22.3	17.0	25.4



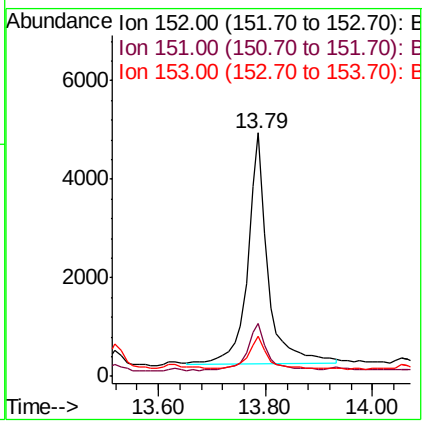


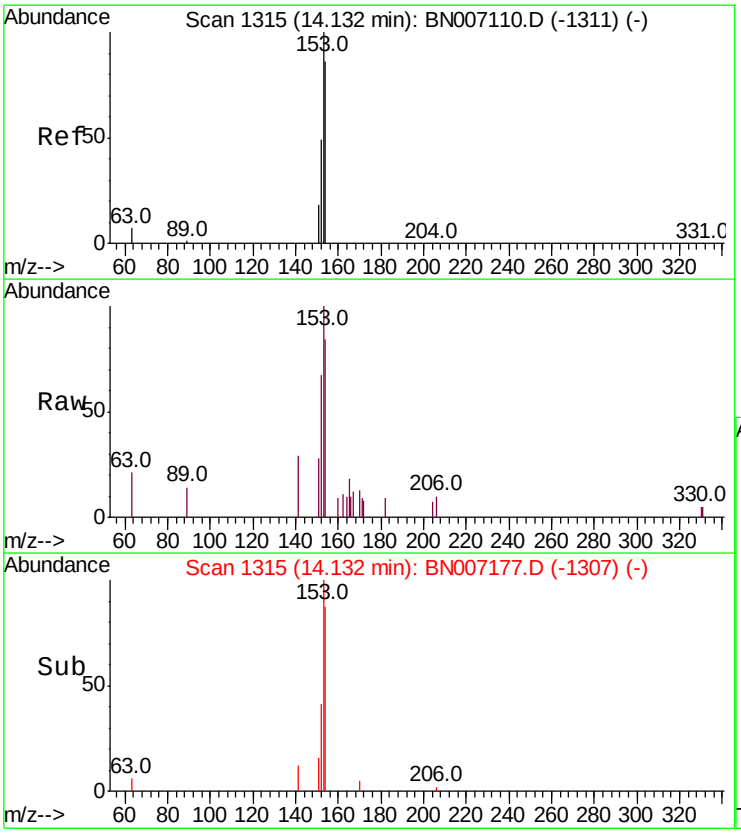
#15
Acenaphthylene
Concen: 0.157 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12243

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.8	23.6
153	12.6	10.4	15.6

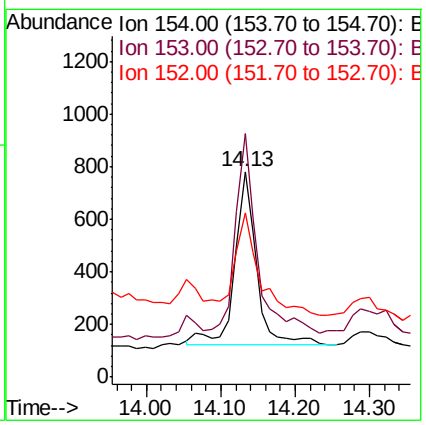


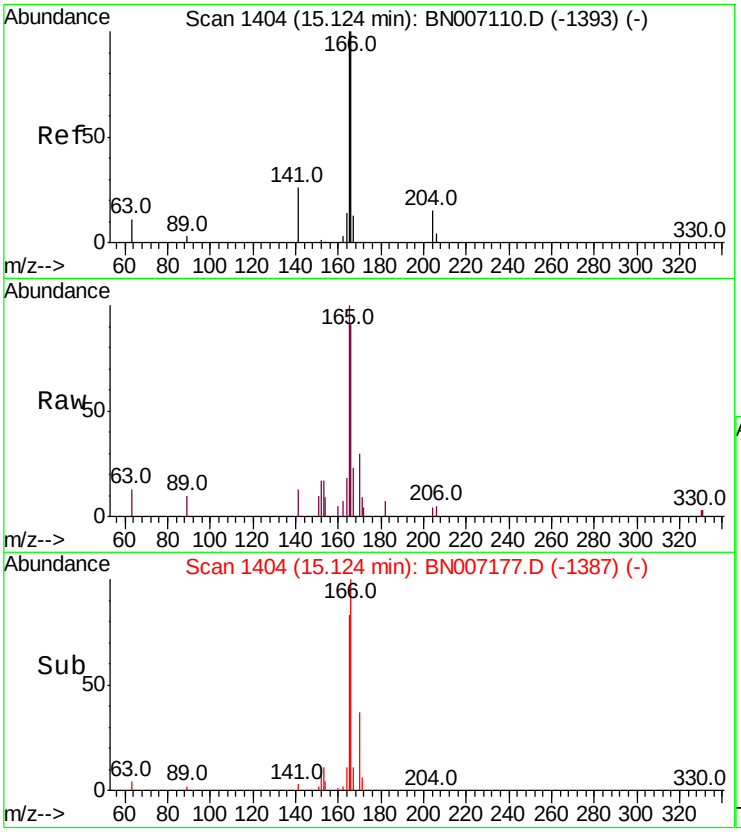


#16
Acenaphthene
Concen: 0.027 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Tgt Ion:154 Resp: 1329

Ion	Ratio	Lower	Upper
154	100		
153	114.6	89.5	134.3
152	65.8	44.8	67.2



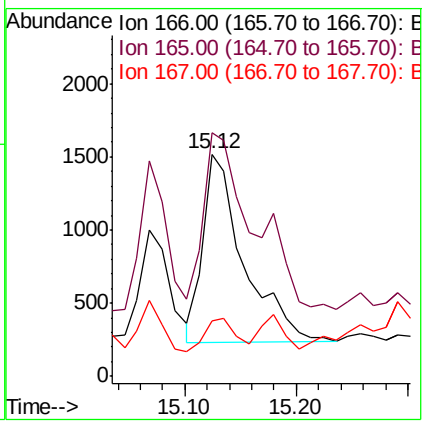


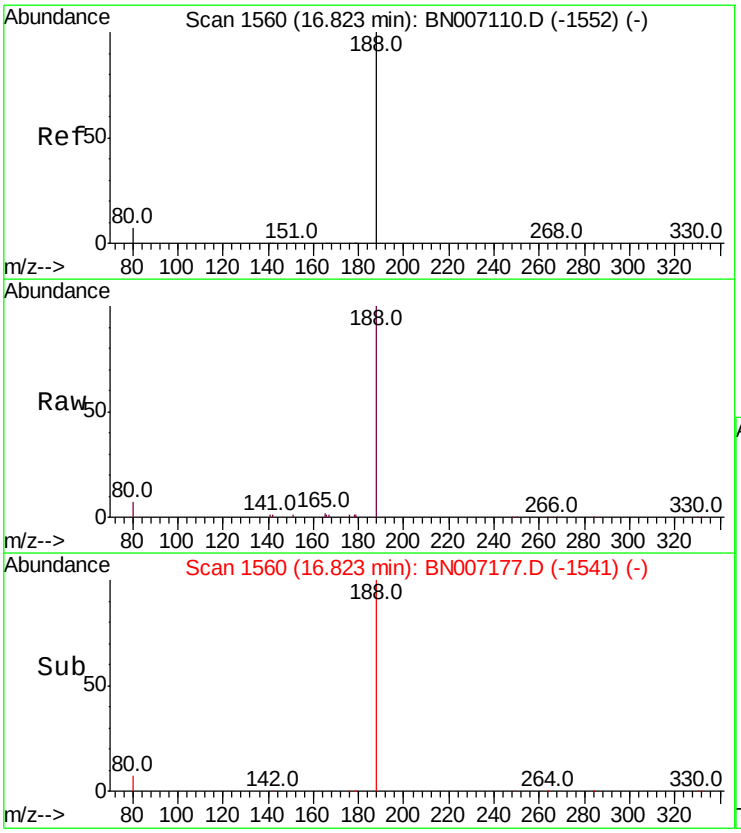
#17
Fluorene
Concen: 0.044 ng
RT: 15.12 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 3273

Ion	Ratio	Lower	Upper
166	100		
165	121.0	77.9	116.9#
167	13.2	10.9	16.3

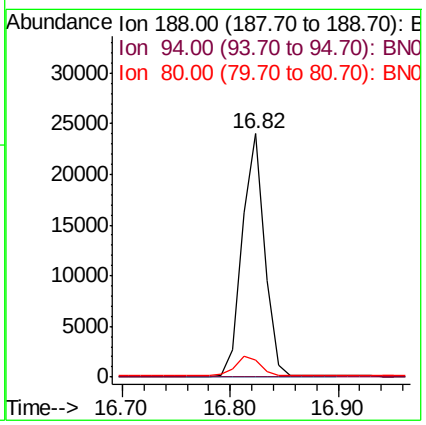


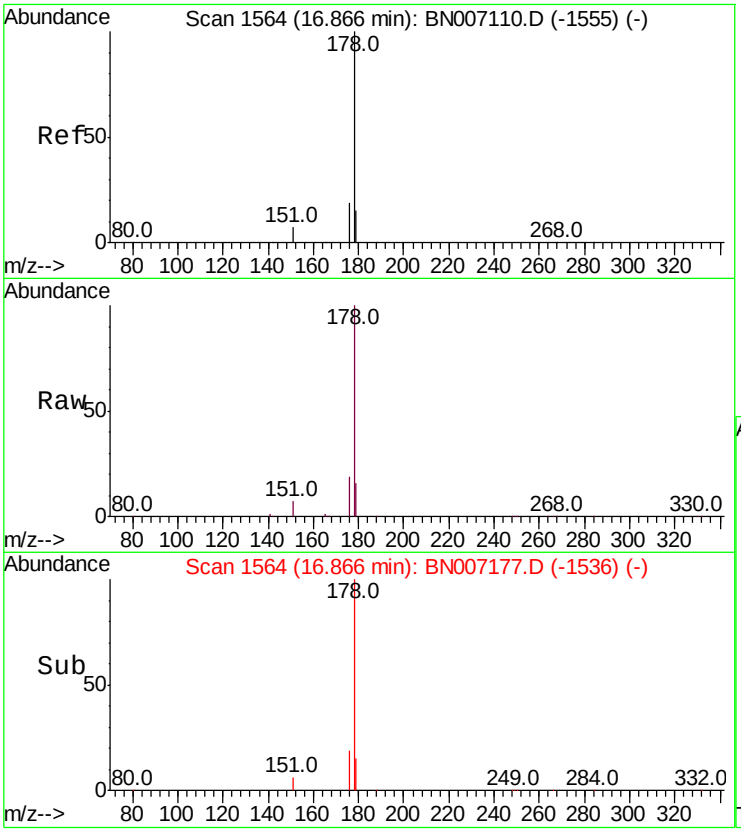


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Tgt Ion:188 Resp: 34206

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	7.8	11.6#



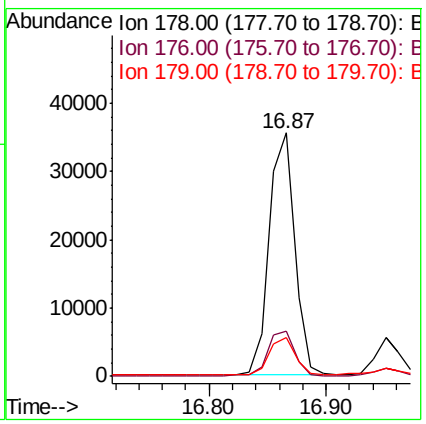


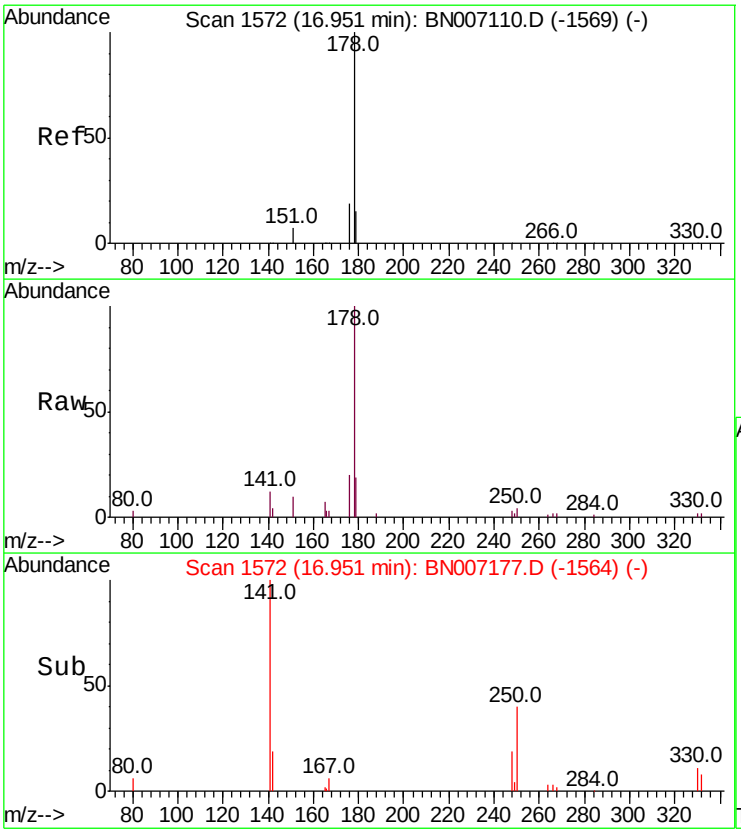
#22
Phenanthrene
Concen: 0.528 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 54103

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.8	12.3	18.5

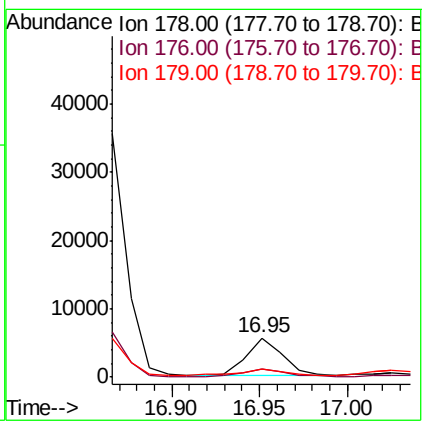


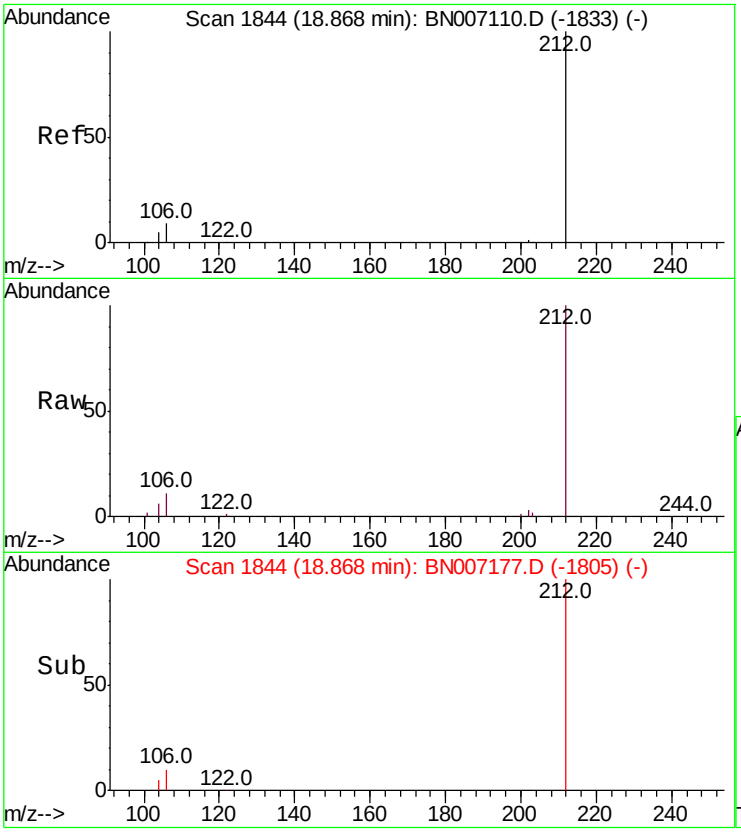


#23
Anthracene
Concen: 0.081 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Tgt Ion:178 Resp: 7546

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	21.8
179	18.1	12.5	18.7



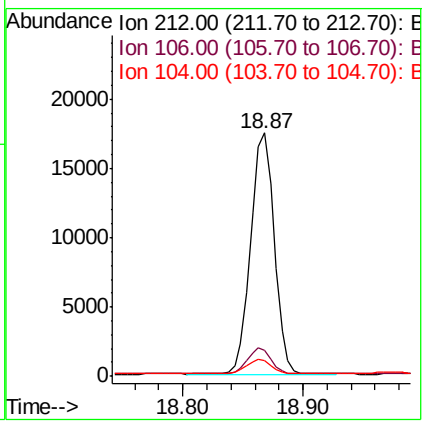


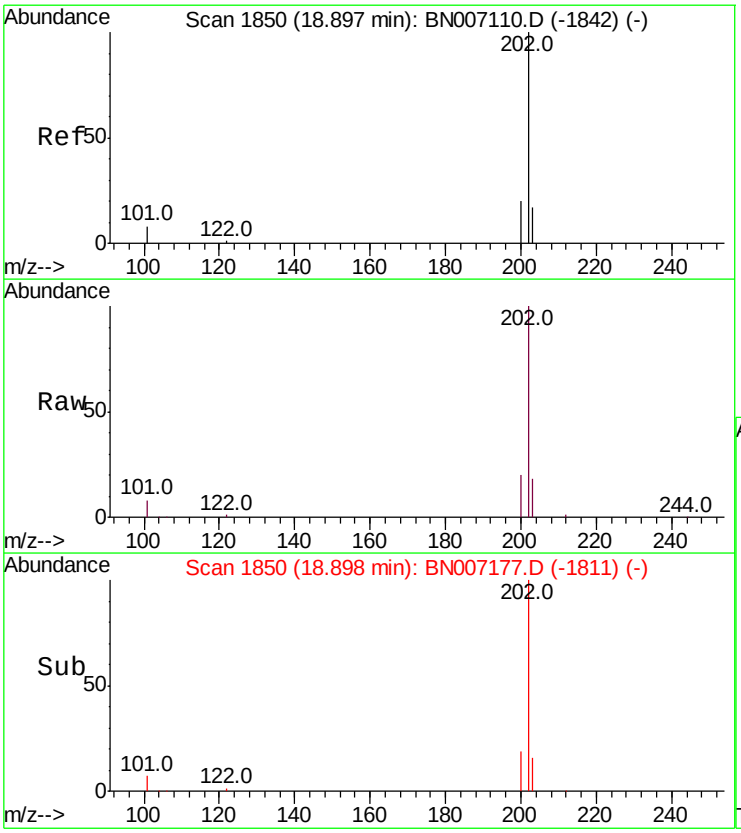
#24
Fluoranthene-d10
Concen: 0.197 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 23913

Ion	Ratio	Lower	Upper
212	100		
106	10.6	8.2	12.2
104	5.9	4.5	6.7

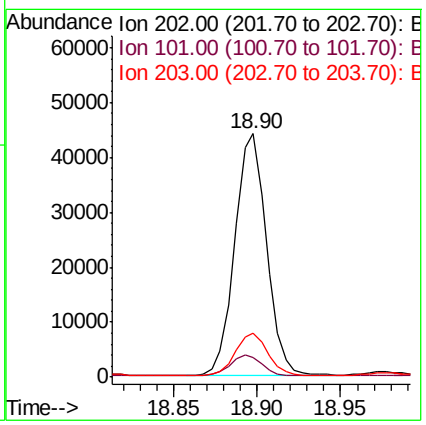


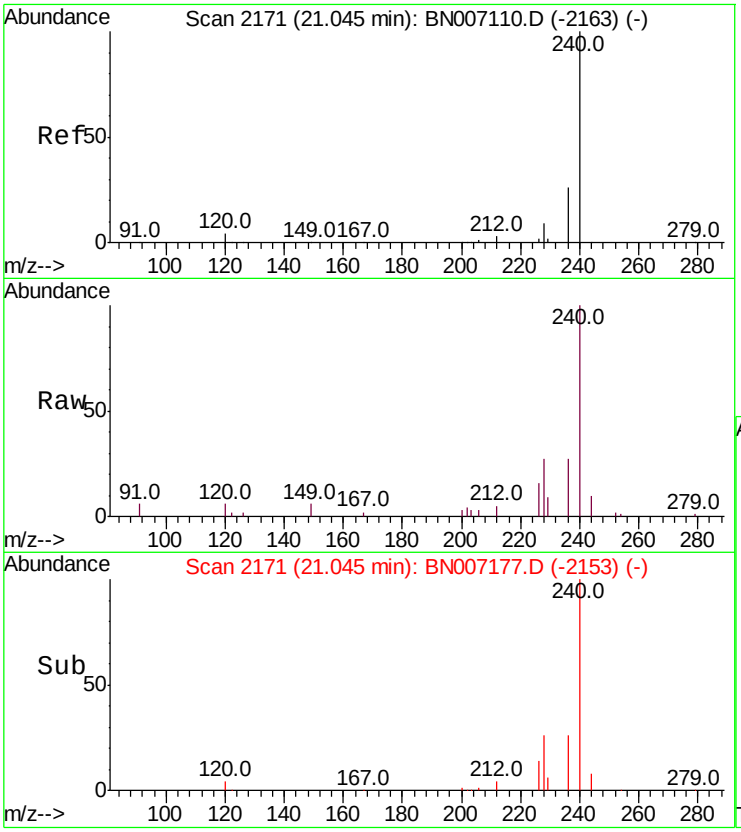


#25
Fluoranthene
Concen: 0.445 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Tgt Ion:202 Resp: 58386

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.0	10.4
203	17.7	13.8	20.8



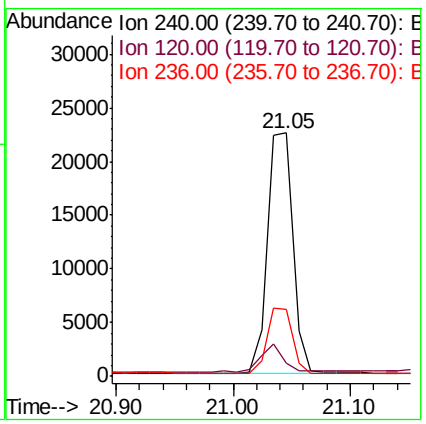


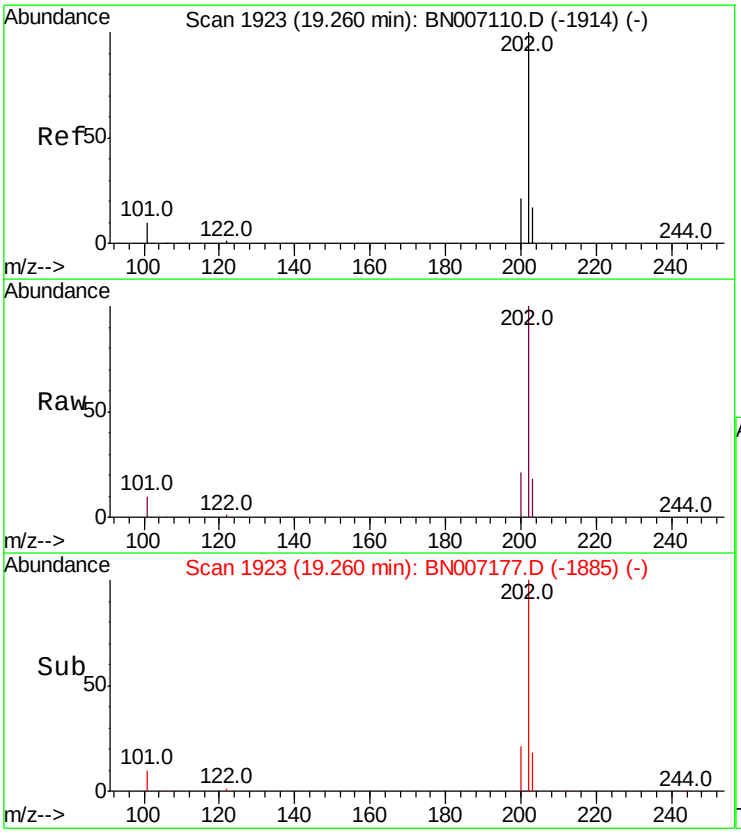
#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 33975

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.0	6.0
236	27.2	21.3	31.9

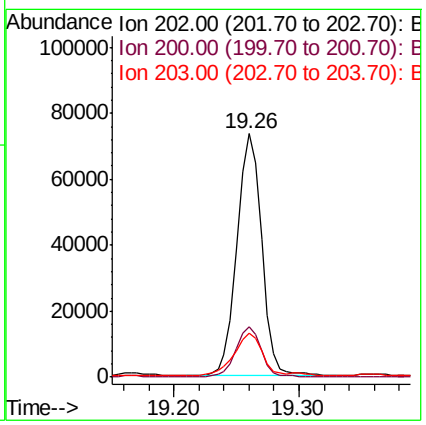


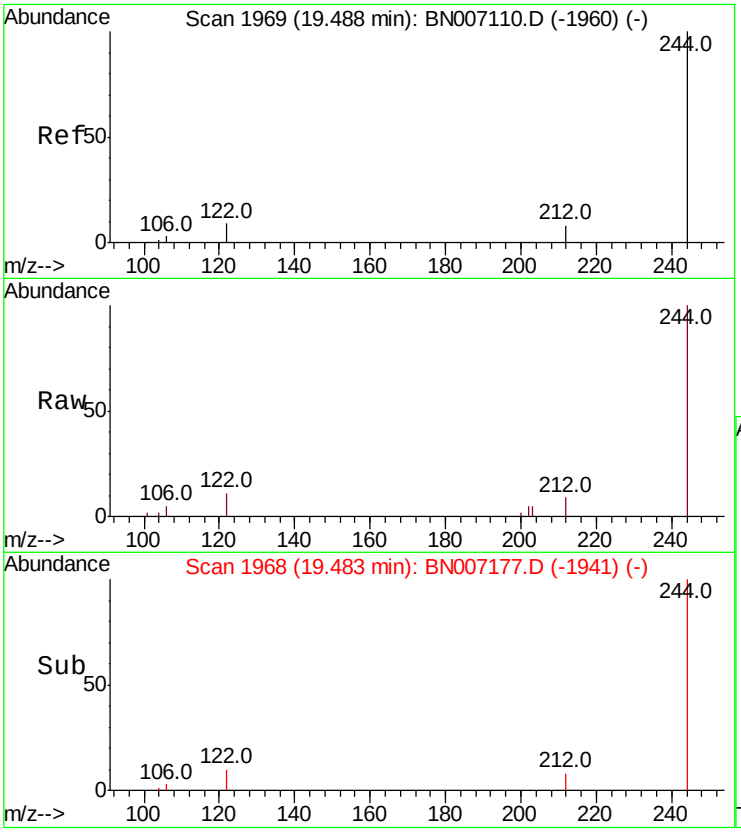


#27
Pyrene
Concen: 0.843 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Tgt Ion:202 Resp: 100398

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	20.0	14.0	21.0



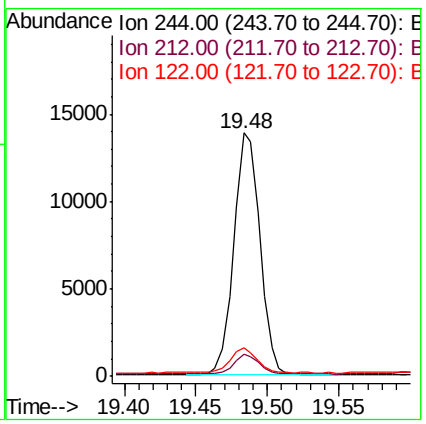


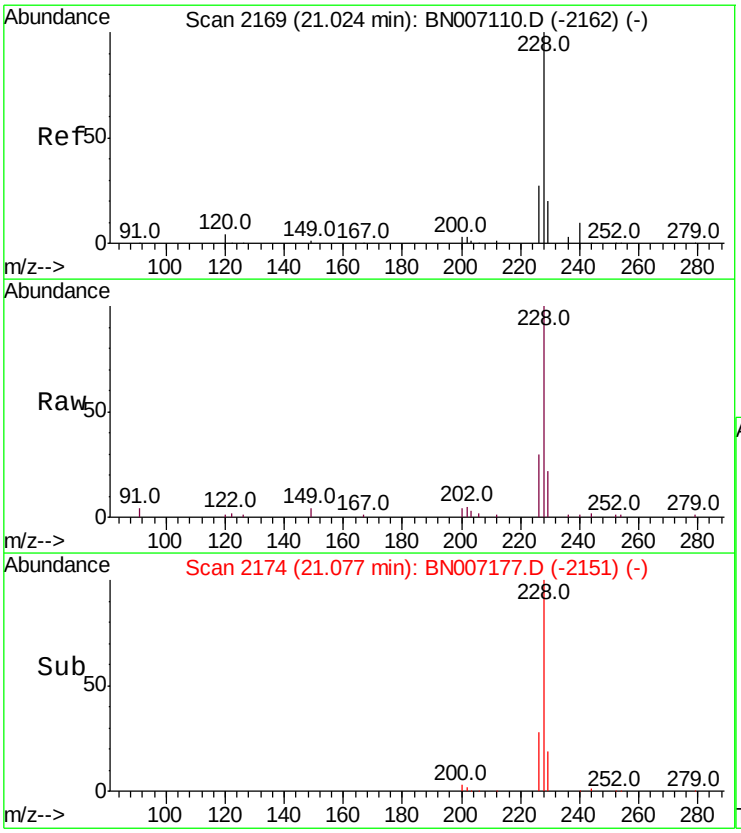
#28
Terphenyl-d14
Concen: 0.190 ng
RT: 19.48 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 17549

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.2	9.2
122	11.5	7.4	11.2#

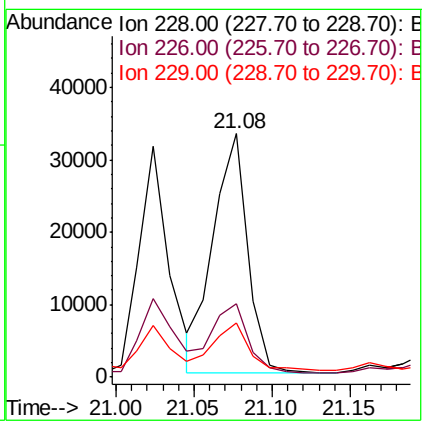


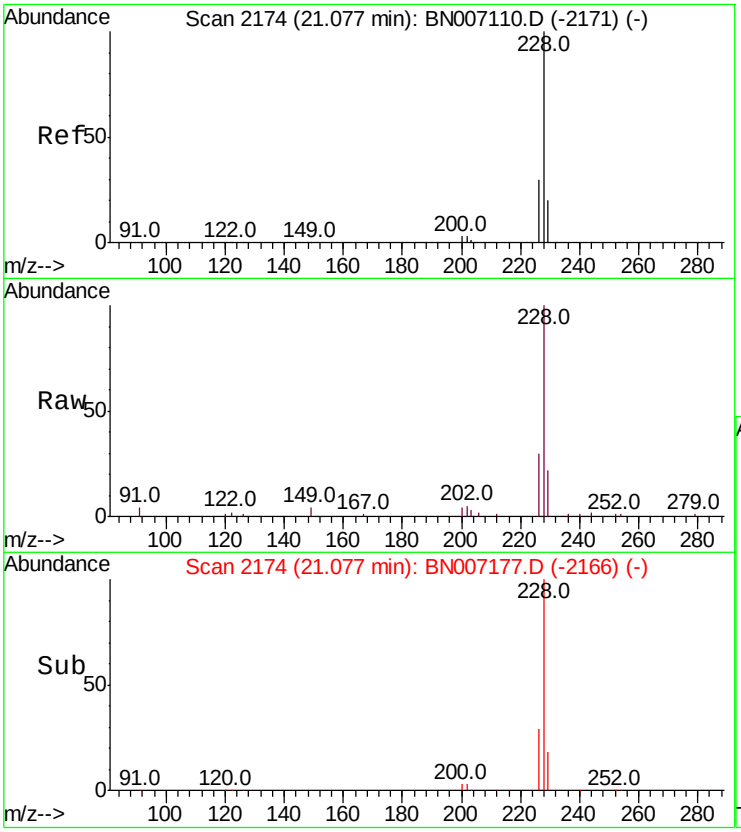


#29
Benzo(a)anthracene
Concen: 0.408 ng
RT: 21.08 min Scan# 2174
Delta R.T. 0.04 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Tgt Ion:228 Resp: 50655

Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.8	32.6
229	22.4	15.6	23.4



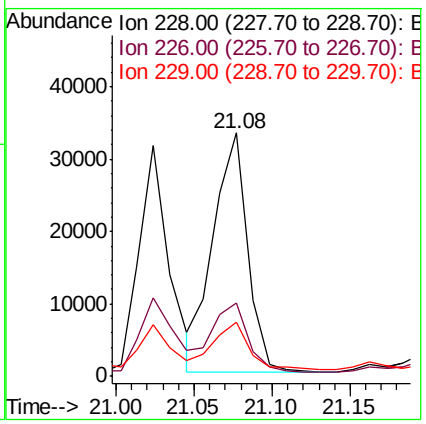


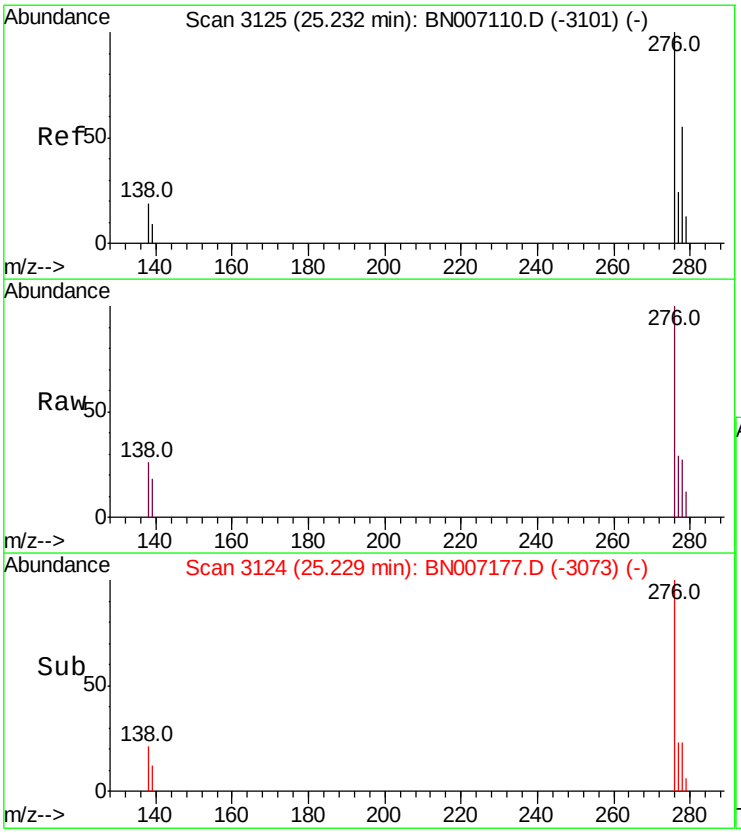
#30
Chrysene
Concen: 0.417 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 50331

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	22.4	15.7	23.5

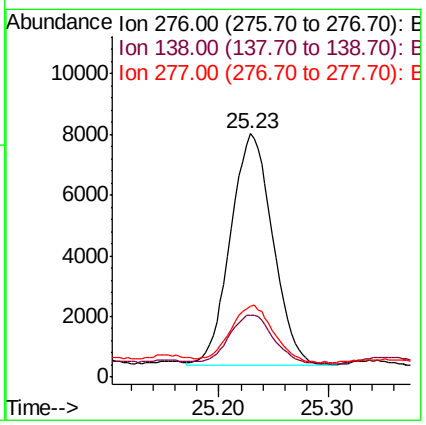


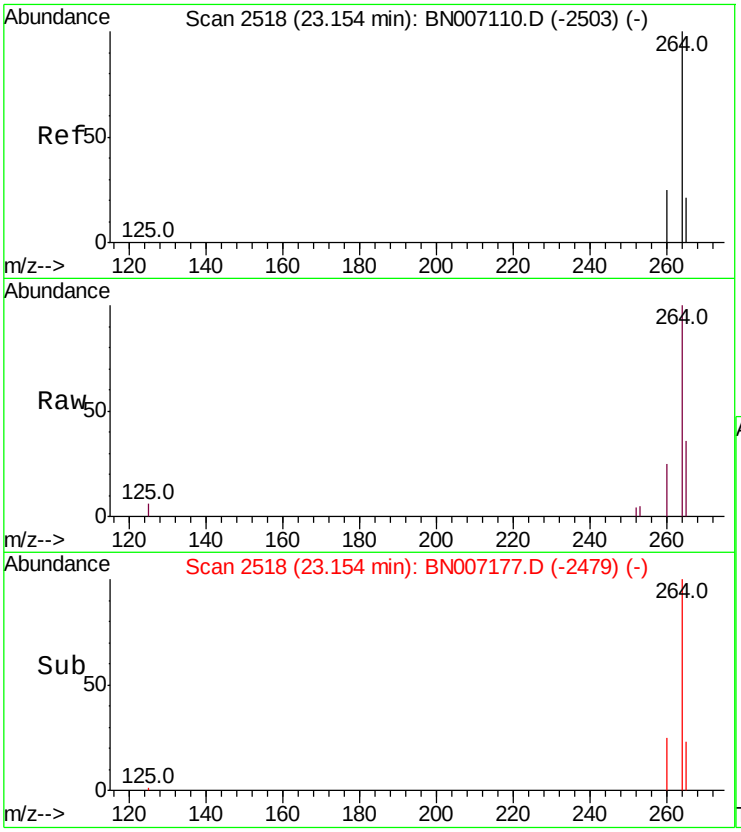


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.154 ng
RT: 25.23 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Tgt Ion:276 Resp: 20534

Ion	Ratio	Lower	Upper
276	100		
138	21.9	16.0	24.0
277	24.9	19.9	29.9



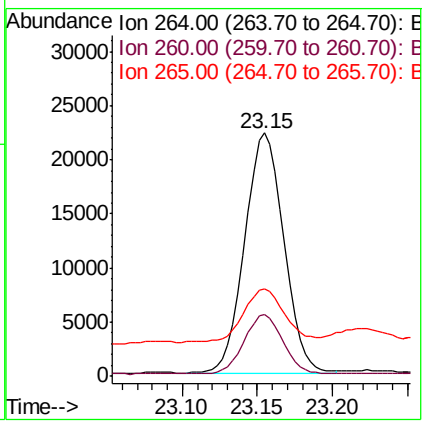


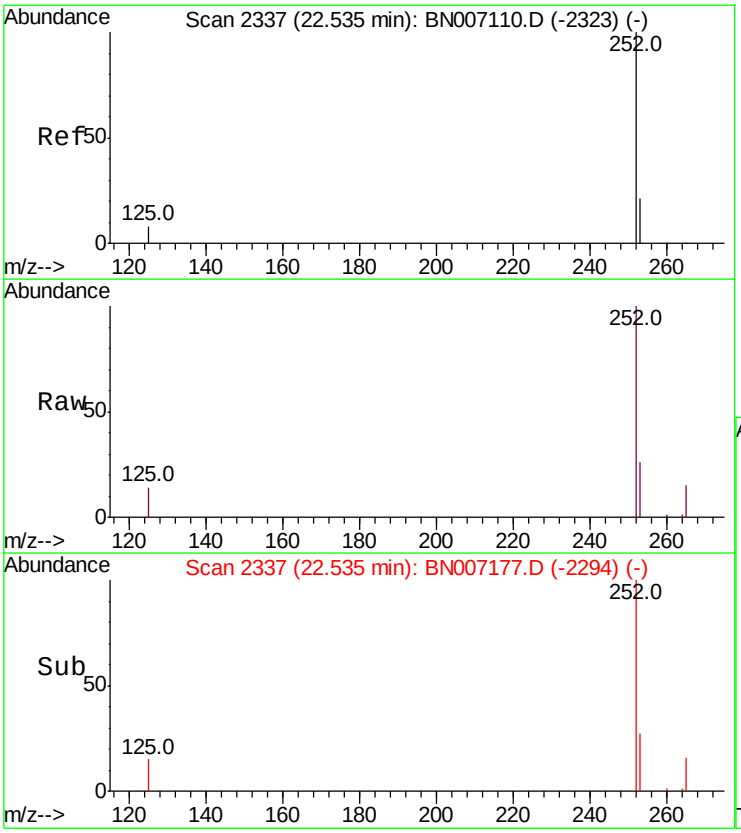
#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 39355

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.8
265	35.9	26.2	39.4

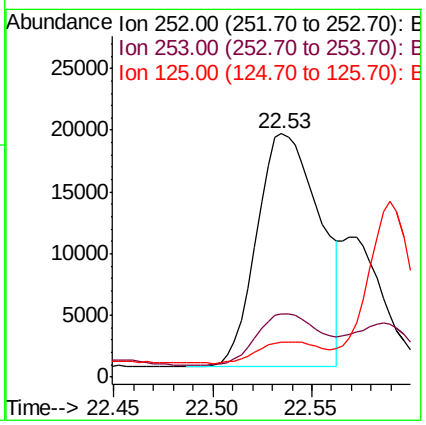


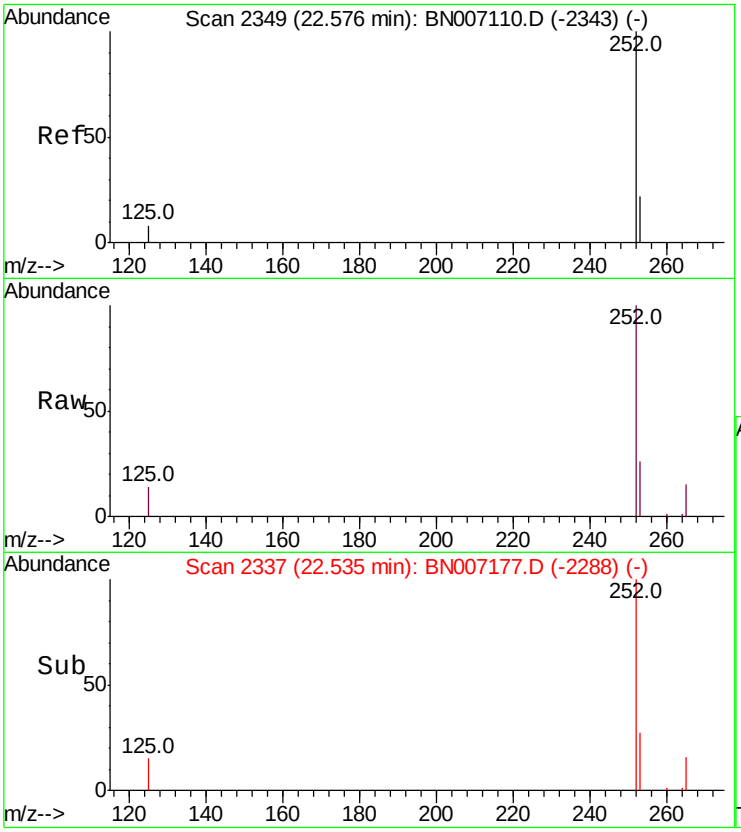


#33
Benzo(b)fluoranthene
Concen: 0.310 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Tgt Ion:252 Resp: 41882

Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.2	27.2
125	14.4	7.4	11.0#



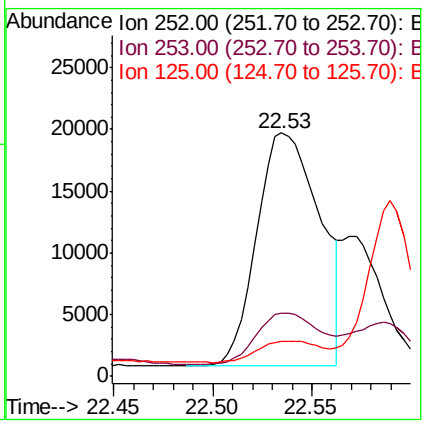


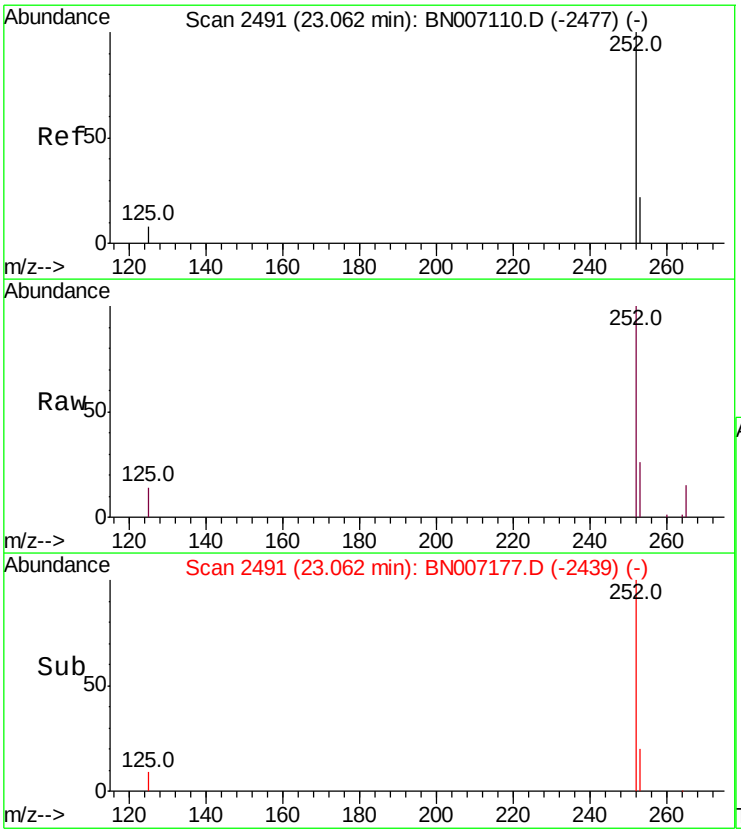
#34
Benzo(k)fluoranthene
Concen: 0.314 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.05 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 41882

Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.1	27.1
125	14.4	7.4	11.0#

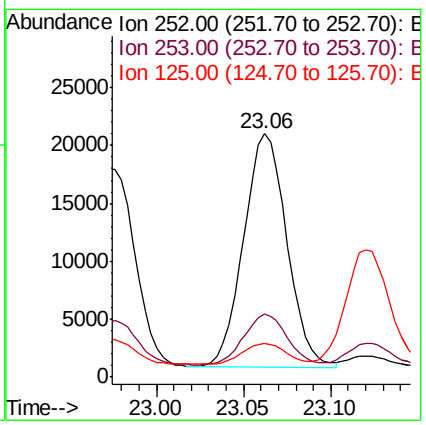


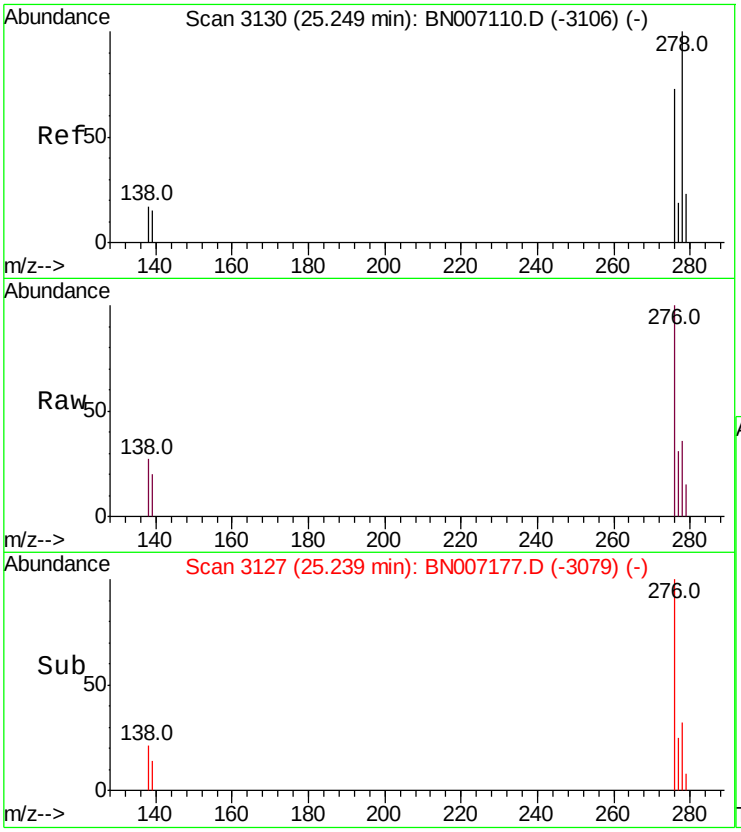


#35
Benzo(a)pyrene
Concen: 0.285 ng
RT: 23.06 min Scan# 2491
Delta R.T. -0.02 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Tgt Ion:252 Resp: 34858

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.5	27.7
125	14.0	8.2	12.4#



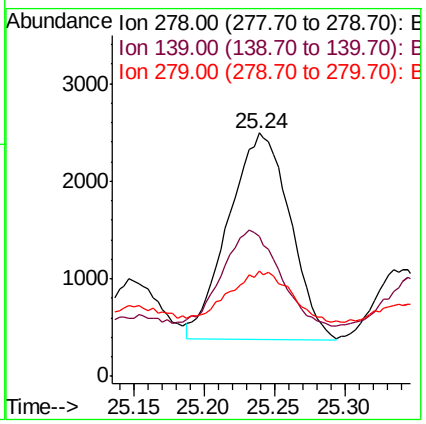


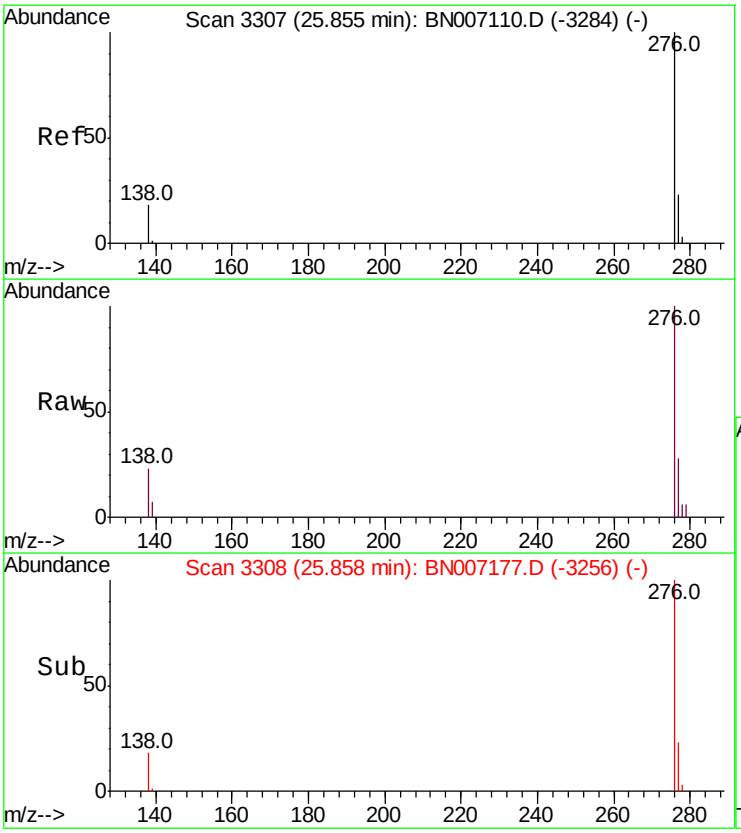
#36
Dibenzo(a,h)anthracene
Concen: 0.053 ng
RT: 25.24 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 6441

Ion	Ratio	Lower	Upper
278	100		
139	57.3	11.3	16.9#
279	43.5	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 0.202 ng
RT: 25.86 min Scan# 3308
Delta R.T. -0.02 min
Lab File: BN007177.D
Acq: 14 Aug 2019 23:29

Tgt Ion:276 Resp: 25307

Ion	Ratio	Lower	Upper
276	100		
277	27.8	19.8	29.8
138	22.7	14.6	22.0#