Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081319\
Data File : BN007139.D
Acq On : 13 Aug 2019 19:31
Operator : HP/JU
Sample : K4173-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 14 03:13:40 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	9207	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	36004	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	20205	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	46790	0.40	ng		0.00
26) Chrysene-d12	21.05	240	46618	0.40	ng		-0.01
32) Perylene-d12	23.16	264	50233	0.40	ng		-0.01
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	5817	0.26	ng		0.00
4) Phenol-d6	6.62	99	7907	0.29	ng		0.00
7) Nitrobenzene-d5	8.56	82	6489	0.22	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	12633	0.19	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	2540	0.23	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	3162	0.11	ng		0.00
24) Fluoranthene-d10	18.87	212	24529	0.15	ng		0.00
28) Terphenyl-d14	19.49	244	22351	0.18	ng		-0.01
Target Compounds							Qvalue
8) Naphthalene	10.24	128	5988	0.059	ng	#	94
11) 2-Methylnaphthalene	11.87	142	4598	0.064	ng	#	93
15) Acenaphthylene	13.79	152	40354	0.382	ng		99
16) Acenaphthene	14.13	154	5866	0.087	ng		95
17) Fluorene	15.13	166	12198	0.121	ng		83
22) Phenanthrene	16.87	178	216394	1.543	ng		100
23) Anthracene	16.95	178	33953	0.265	ng		97
25) Fluoranthene	18.90	202	261838	1.460	ng		99
27) Pyrene	19.26	202	376845	2.305	ng		96
29) Benzo(a)anthracene	21.08	228	190658	1.118	ng		92
30) Chrysene	21.08	228	190004	1.147	ng		95
31) Indeno(1,2,3-cd)pyrene	25.24	276	81820	0.448	ng		99
33) Benzo(b)fluoranthene	22.54	252	172464	1.001	ng		97
34) Benzo(k)fluoranthene	22.54	252	172464	1.014	ng		97
35) Benzo(a)pyrene	23.07	252	134236	0.860	ng		98
36) Dibenzo(a,h)anthracene	25.25	278	24172	0.155	ng	#	75
37) Benzo(g,h,i)perylene	25.87	276	91288	0.570	ng		97

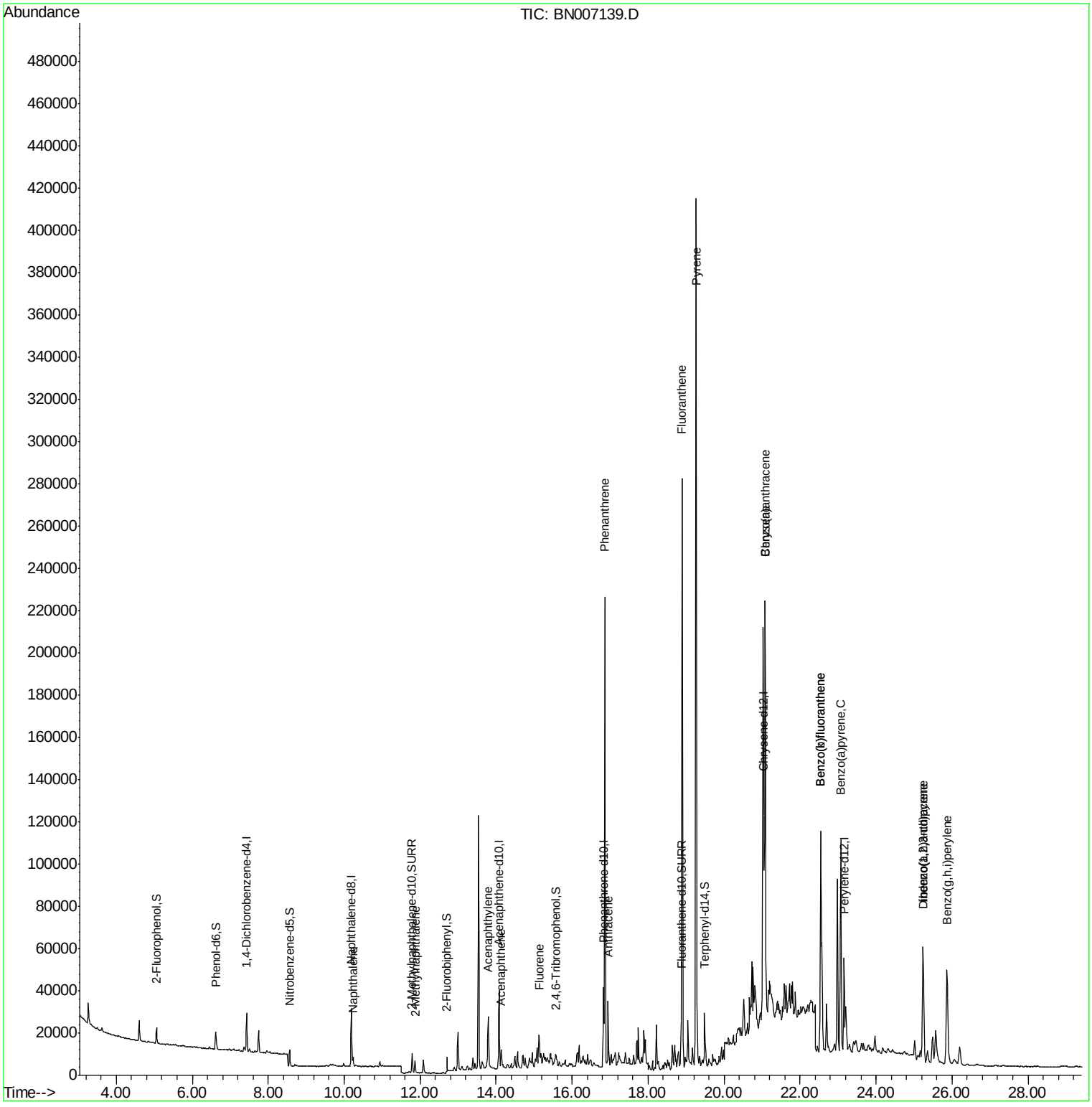
(#) = qualifier out of range (m) = manual integration (+) = signals summed

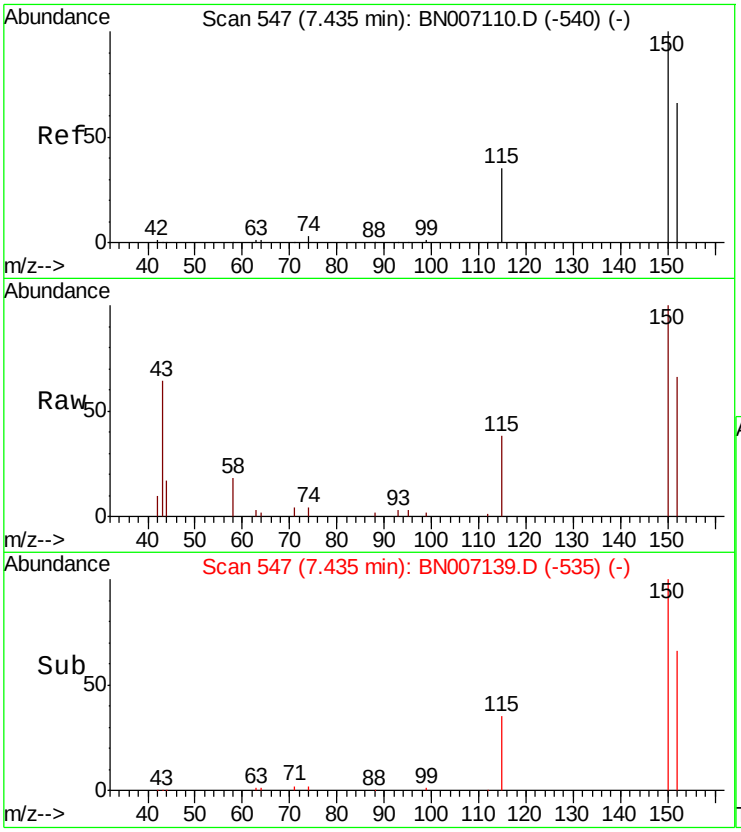
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081319\
Data File : BN007139.D
Acq On : 13 Aug 2019 19:31
Operator : HP/JU
Sample : K4173-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 14 03:13:40 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



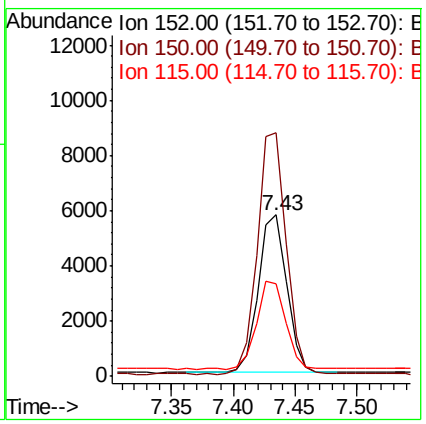


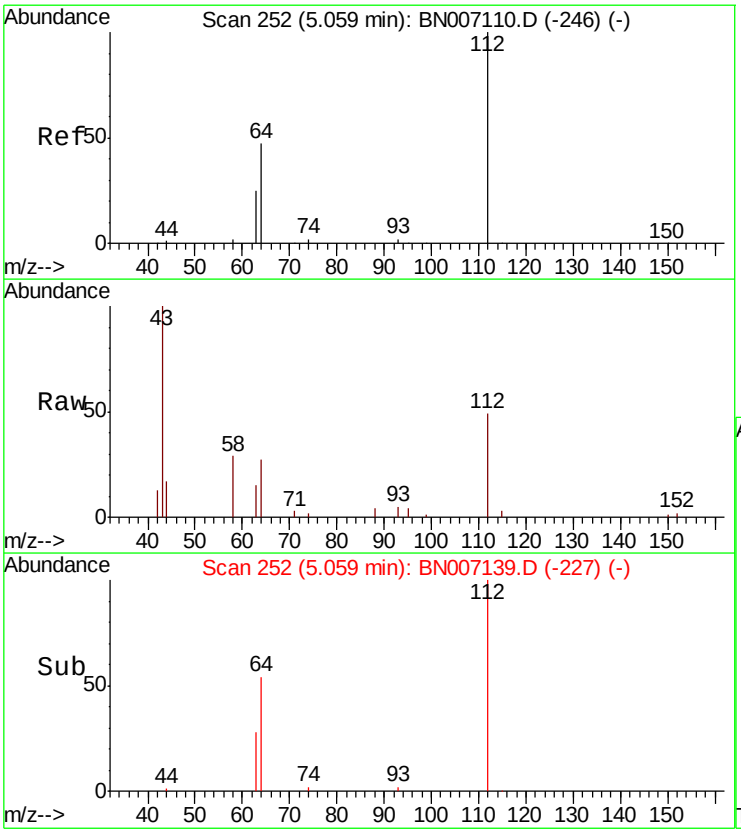
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9207

Ion	Ratio	Lower	Upper
152	100		
150	150.6	121.7	182.5
115	57.5	46.2	69.4

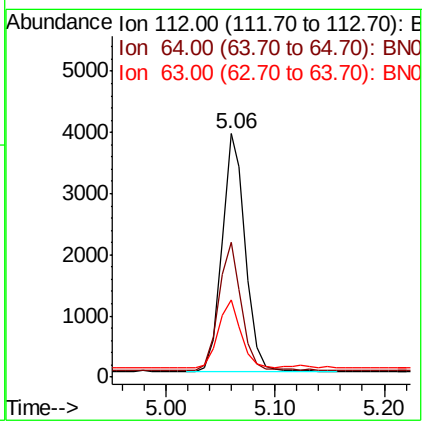


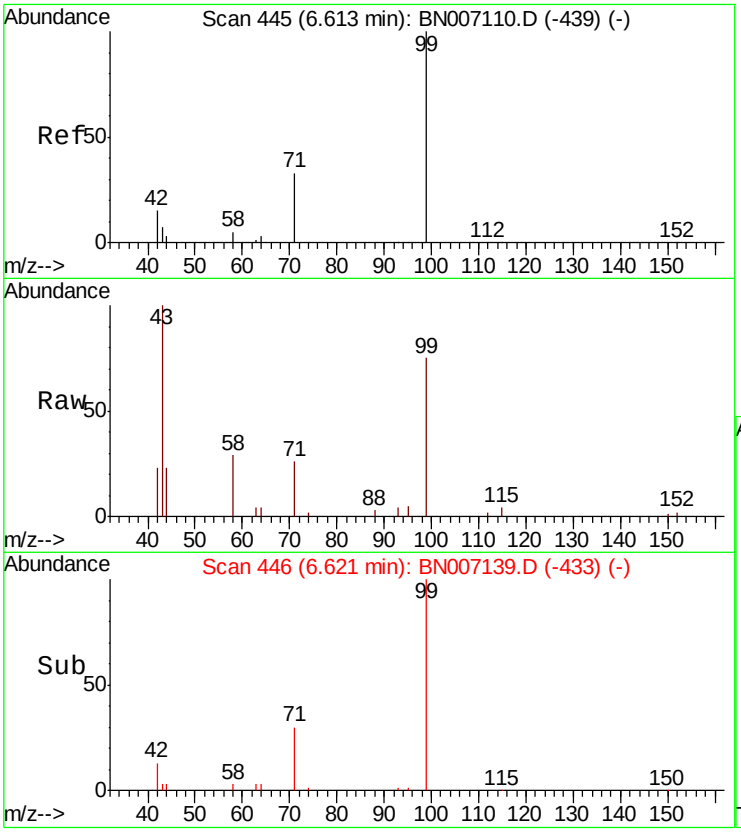


#3
2-Fluorophenol
Concen: 0.263 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Tgt Ion:112 Resp: 5817

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



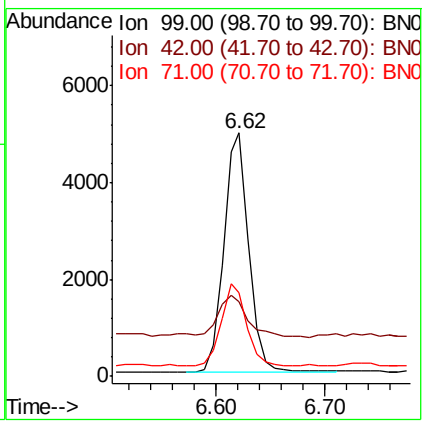


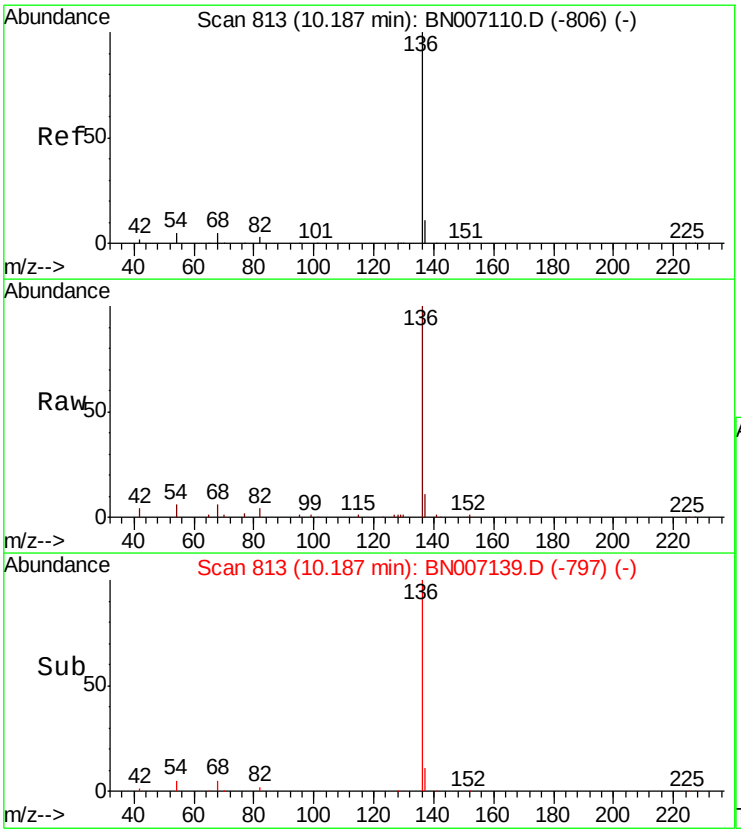
#4
Phenol-d6
Concen: 0.289 ng
RT: 6.62 min Scan# 446
Delta R.T. 0.01 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 7907

Ion	Ratio	Lower	Upper
99	100		
42	20.6	15.8	23.6
71	34.5	27.0	40.4

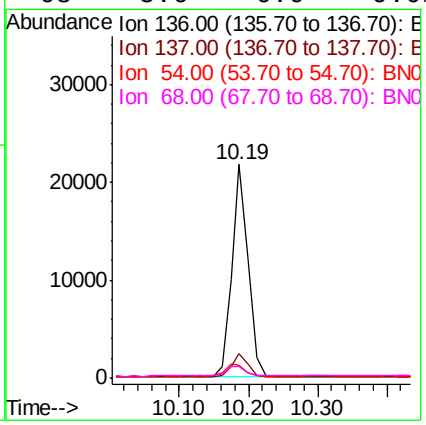


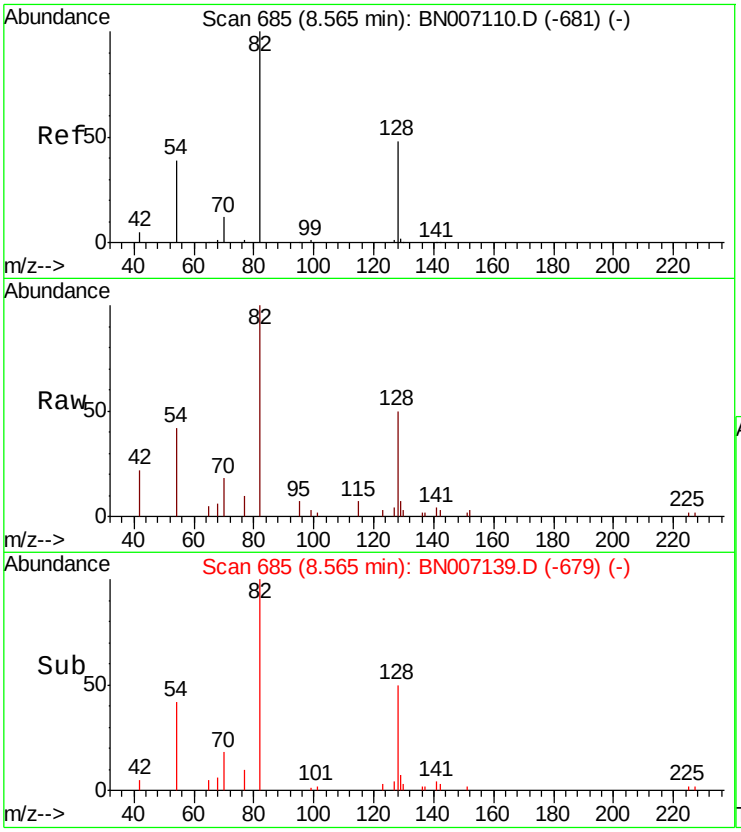


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Tgt Ion:136 Resp: 36004

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	6.0	6.6	9.8#
68	5.6	6.0	9.0#



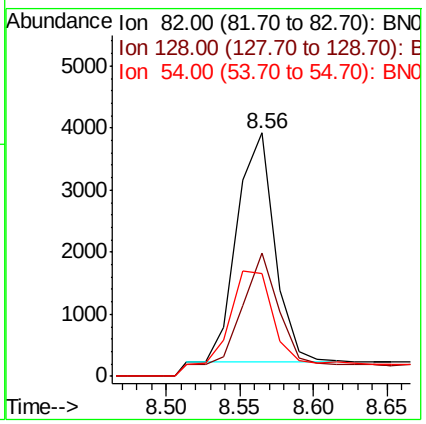


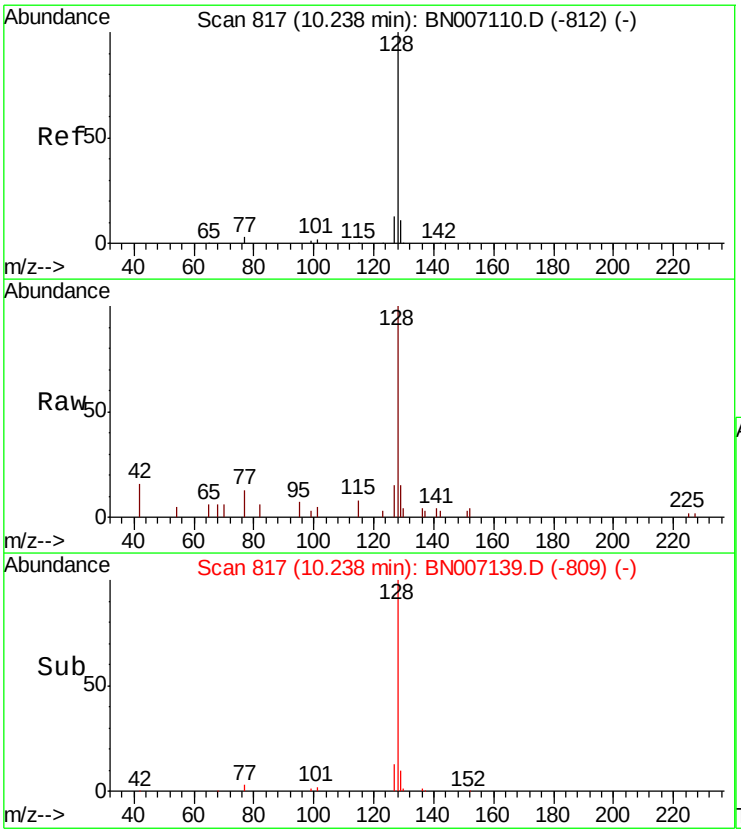
#7
Nitrobenzene-d5
Concen: 0.224 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 6489

Ion	Ratio	Lower	Upper
82	100		
128	50.5	34.6	51.8
54	42.1	36.2	54.4

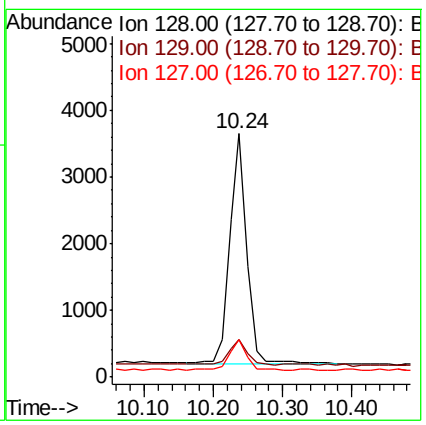


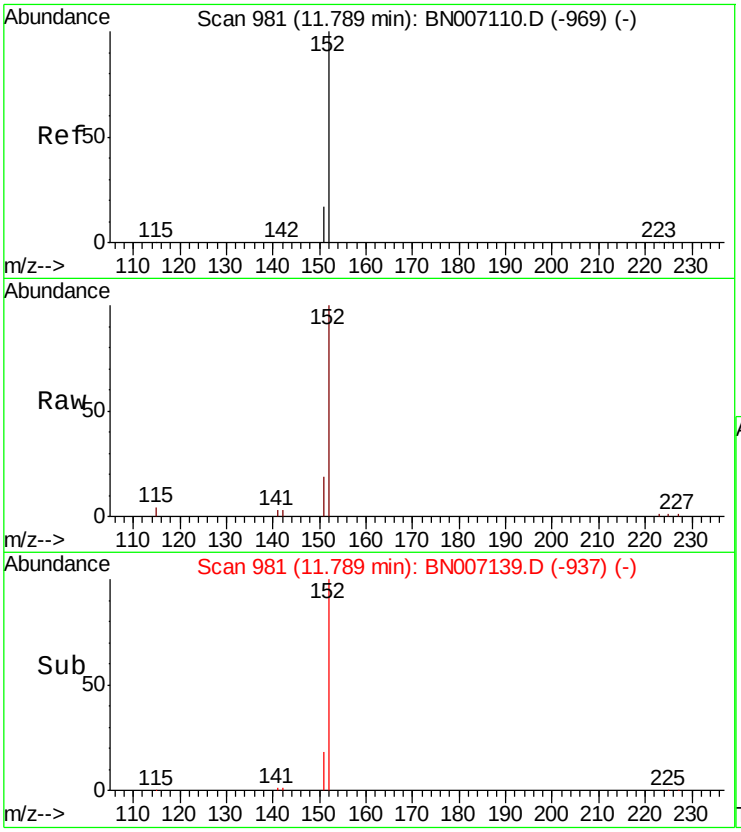


#8
Naphthalene
Concen: 0.059 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Tgt Ion:128 Resp: 5988

Ion	Ratio	Lower	Upper
128	100		
129	15.4	9.4	14.2#
127	15.4	11.0	16.6



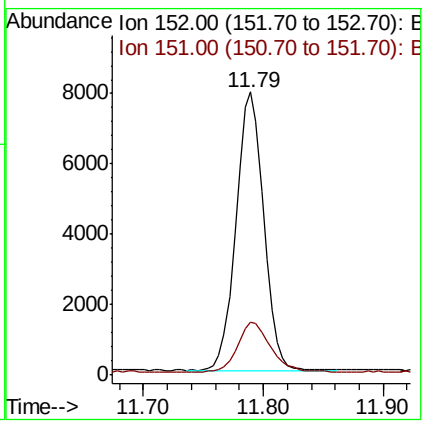


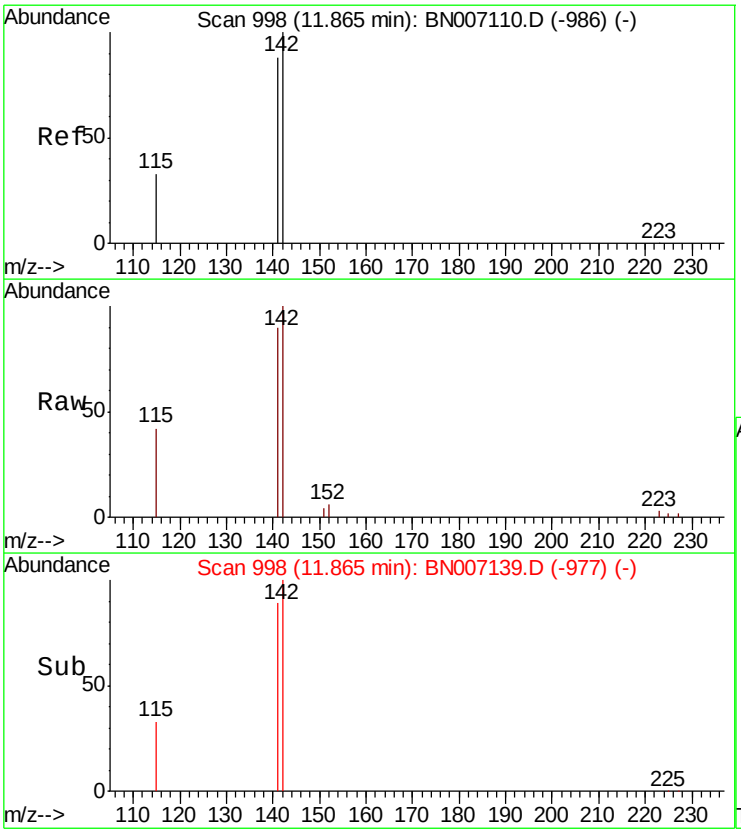
#10
2-Methylnaphthalene-d10
Concen: 0.188 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12633

Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.5	23.3

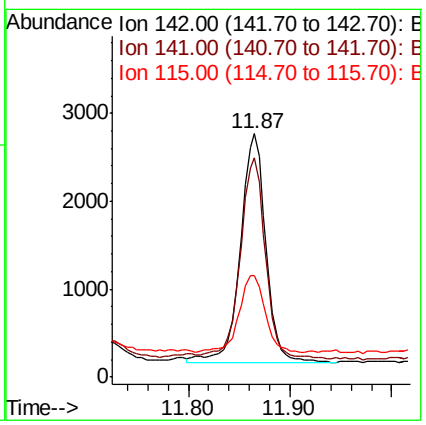


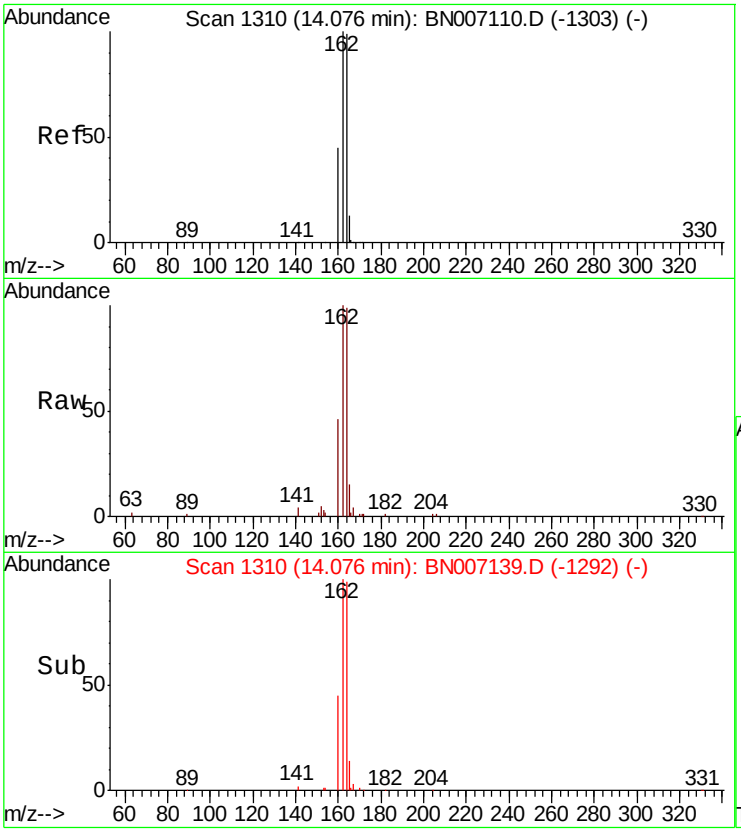


#11
2-Methylnaphthalene
Concen: 0.064 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Tgt Ion:142 Resp: 4598

Ion	Ratio	Lower	Upper
142	100		
141	90.2	69.0	103.6
115	41.7	27.1	40.7#



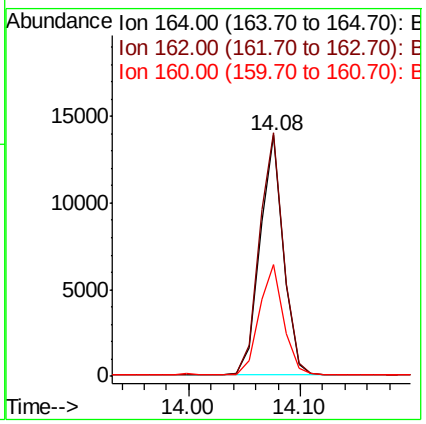


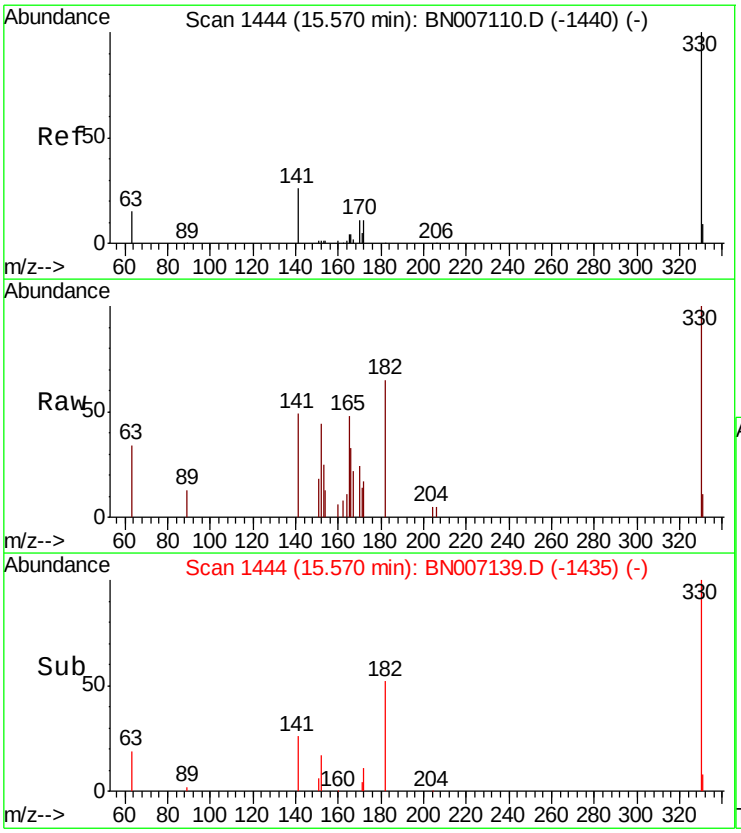
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 20205

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.2	123.4
160	46.3	38.3	57.5

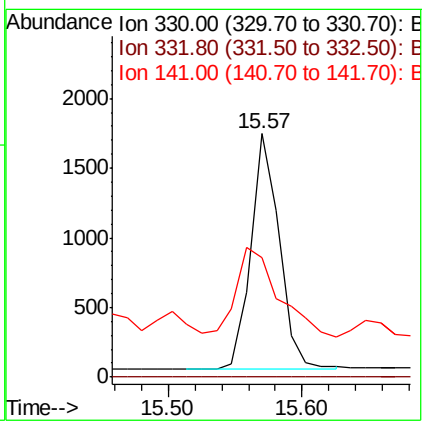


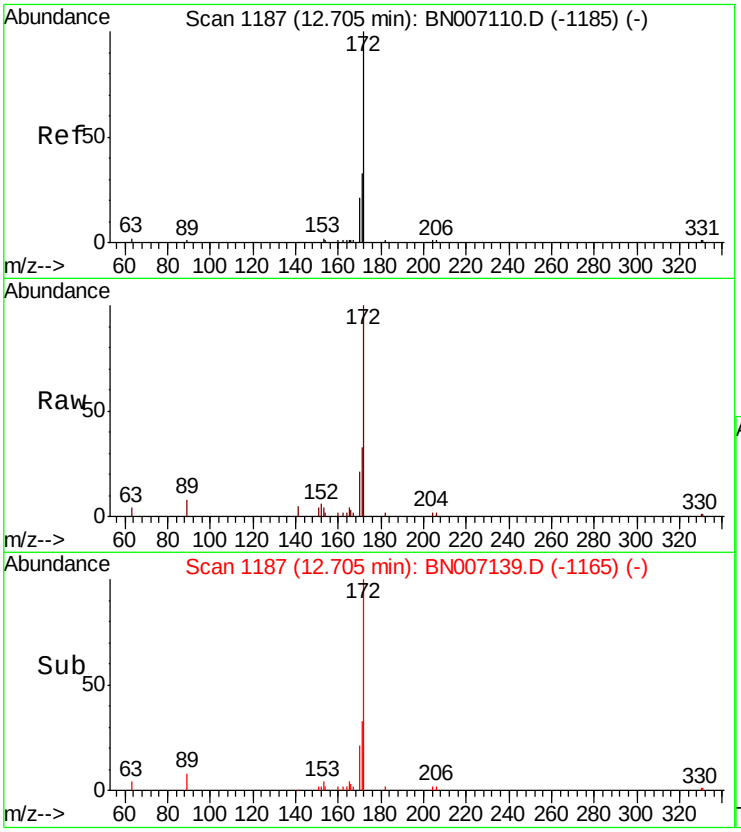


#13
2,4,6-Tribromophenol
Concen: 0.233 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Tgt Ion:330 Resp: 2540

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	56.3	33.6	50.4#



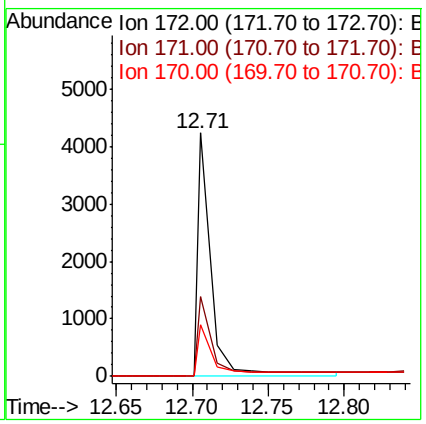


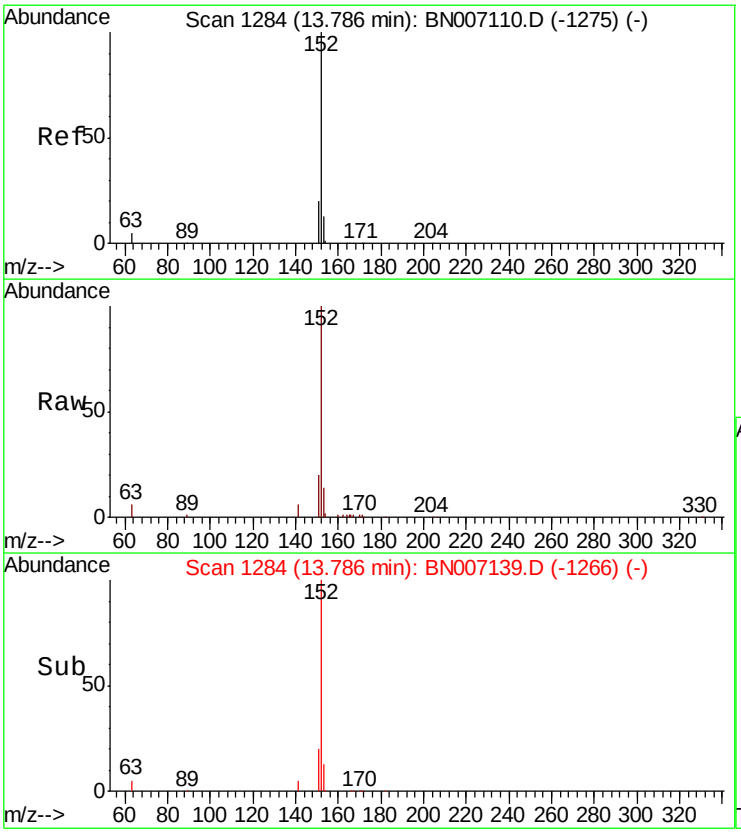
#14
2-Fluorobiphenyl
Concen: 0.108 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 3162

Ion	Ratio	Lower	Upper
172	100		
171	32.9	26.3	39.5
170	21.3	17.0	25.4

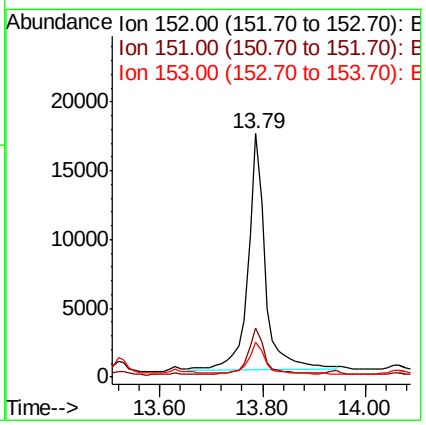


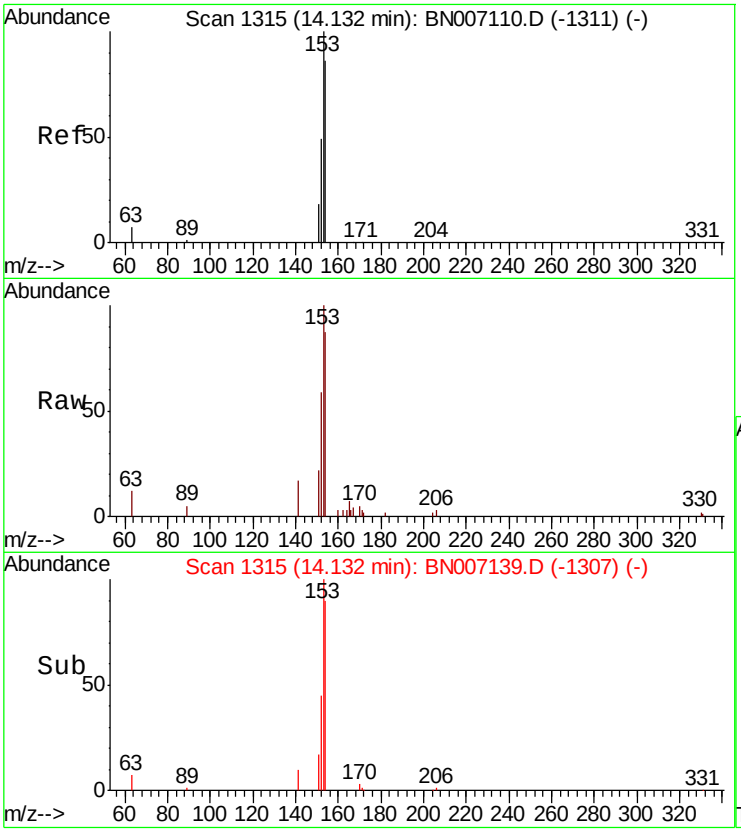


#15
Acenaphthylene
Concen: 0.382 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Tgt Ion:152 Resp: 40354

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.8	23.6
153	12.7	10.4	15.6



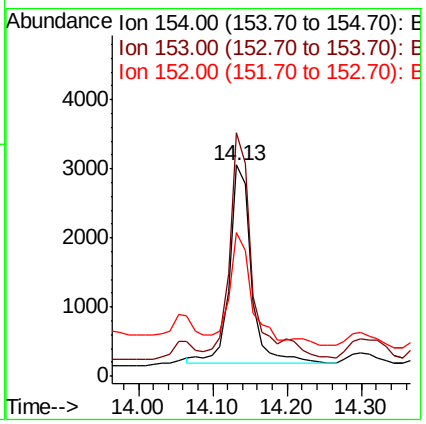


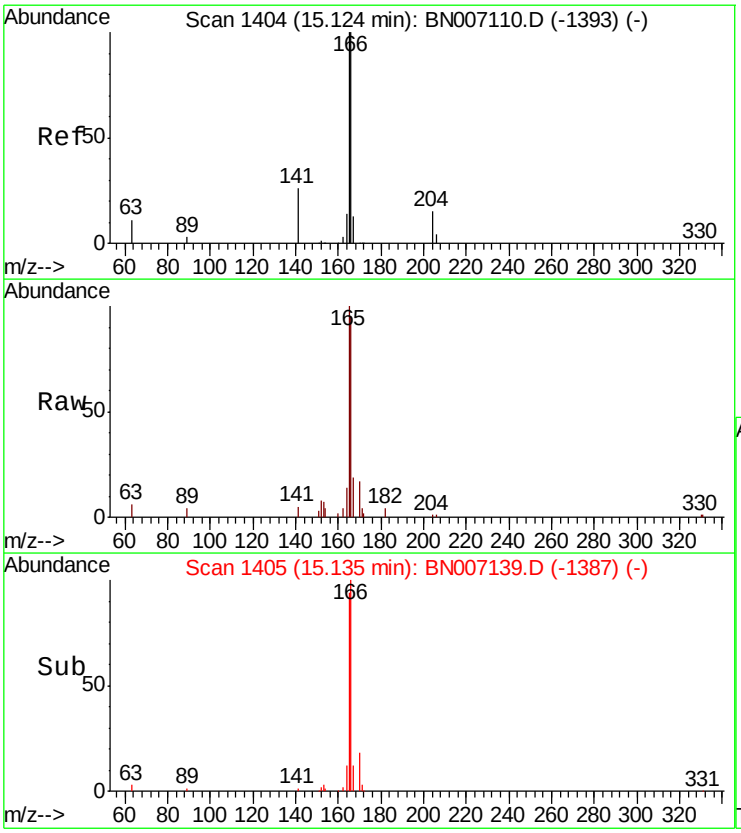
#16
Acenaphthene
Concen: 0.087 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 5866

Ion	Ratio	Lower	Upper
154	100		
153	115.2	89.5	134.3
152	50.0	44.8	67.2

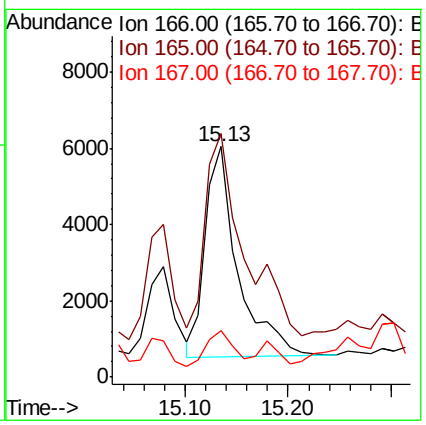


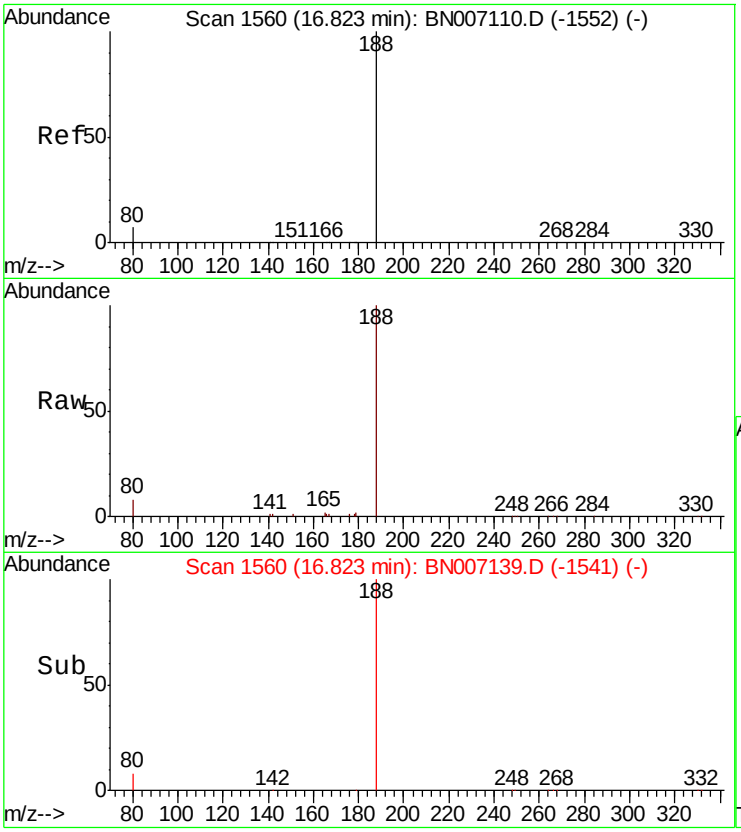


#17
Fluorene
Concen: 0.121 ng
RT: 15.13 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Tgt Ion:166 Resp: 12198

Ion	Ratio	Lower	Upper
166	100		
165	116.7	77.9	116.9
167	14.0	10.9	16.3



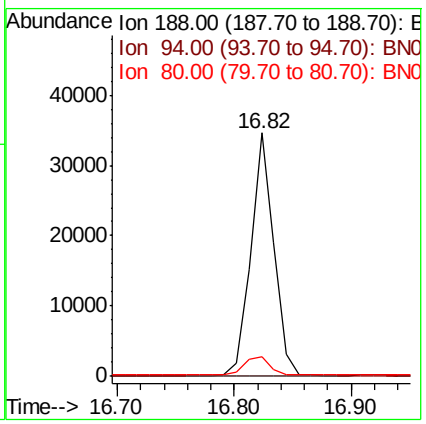


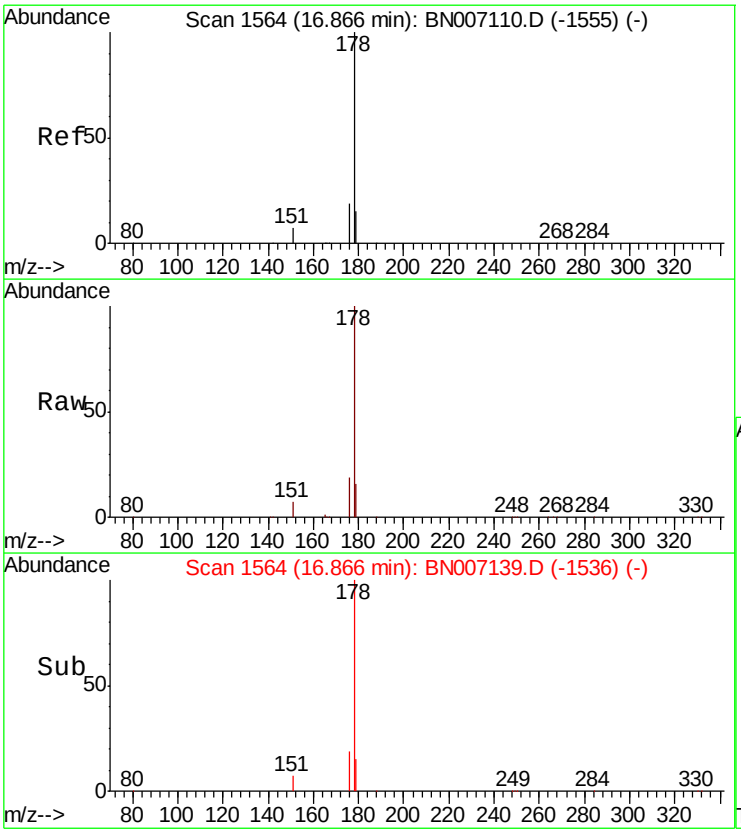
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 46790

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	7.8	11.6

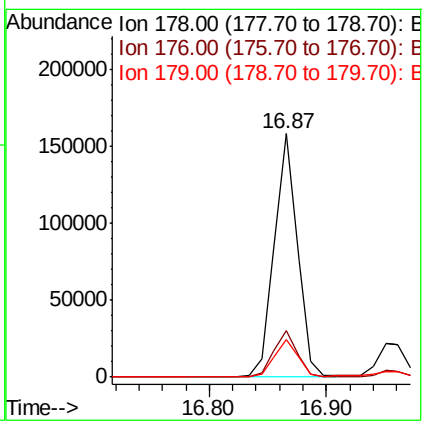


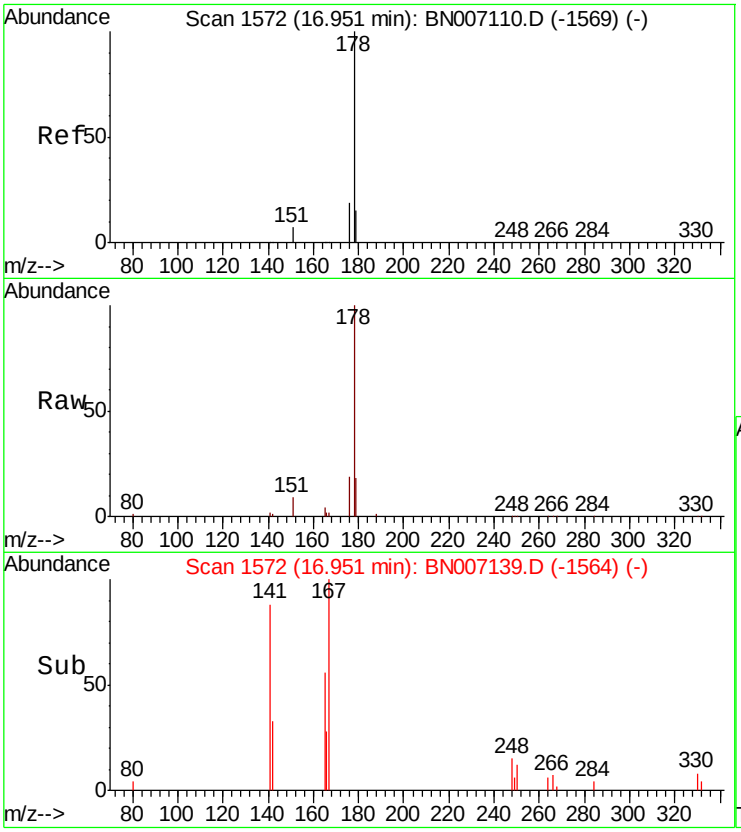


#22
Phenanthrene
Concen: 1.543 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Tgt Ion:178 Resp: 216394

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.7	12.3	18.5



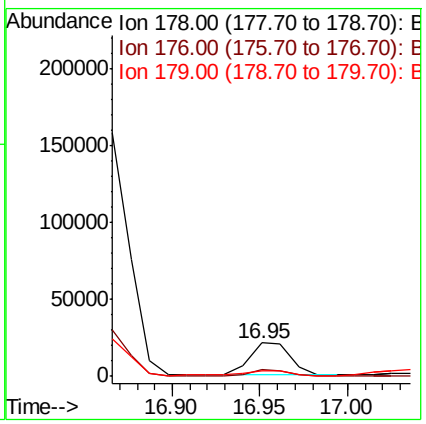


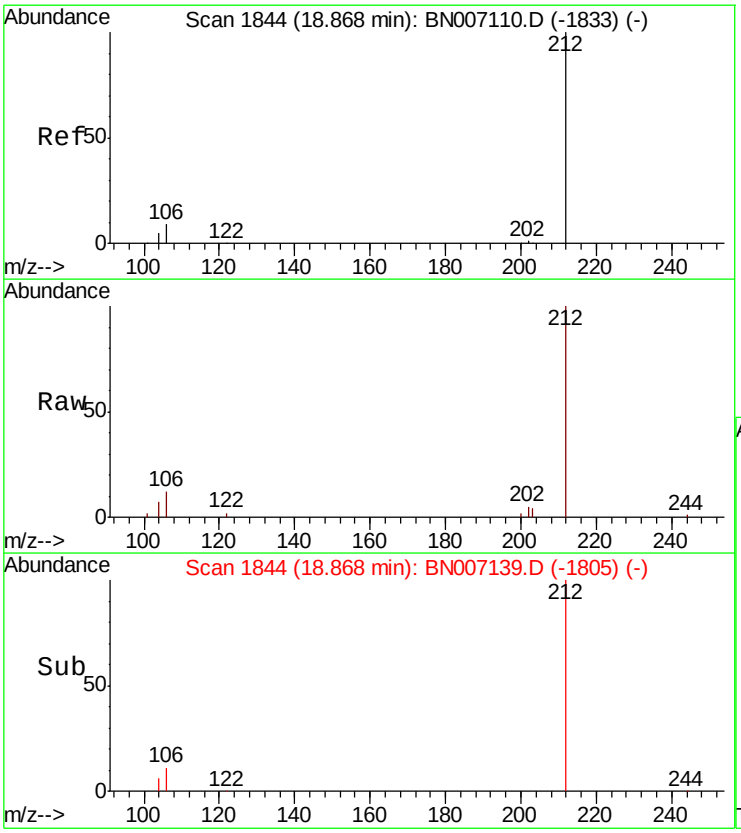
#23
Anthracene
Concen: 0.265 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 33953

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	18.2	12.5	18.7

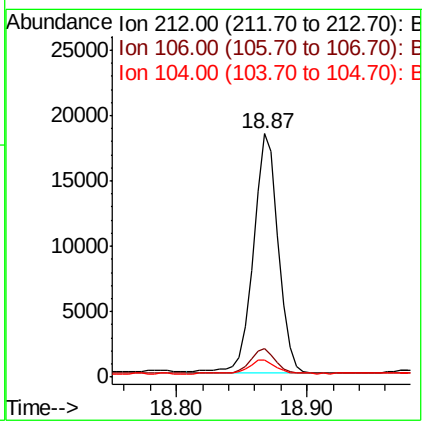


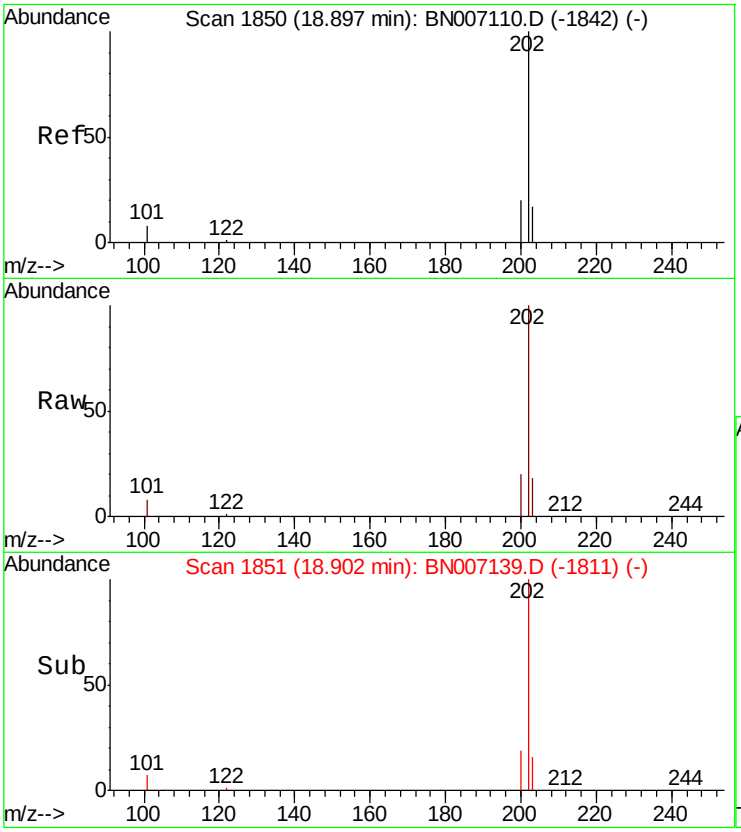


#24
Fluoranthene-d10
Concen: 0.148 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Tgt Ion:212 Resp: 24529

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.2	12.2
104	6.7	4.5	6.7



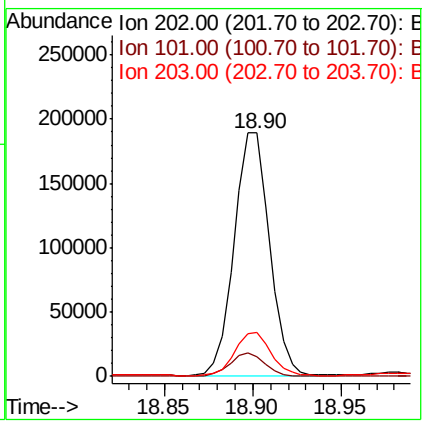


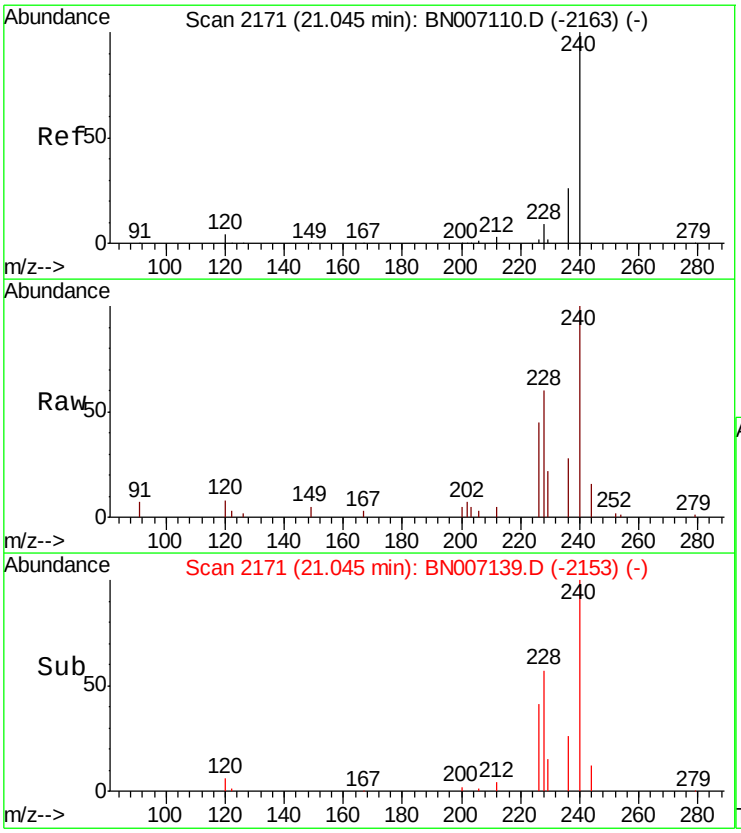
#25
Fluoranthene
Concen: 1.460 ng
RT: 18.90 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 261838

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.0	10.4
203	17.8	13.8	20.8

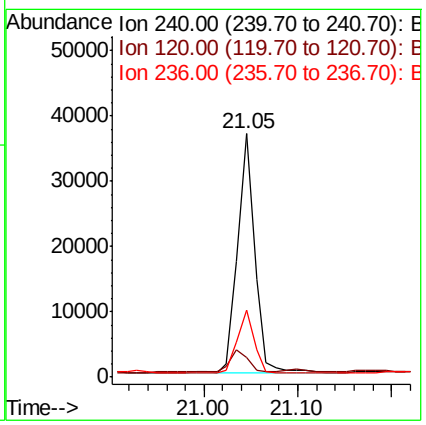


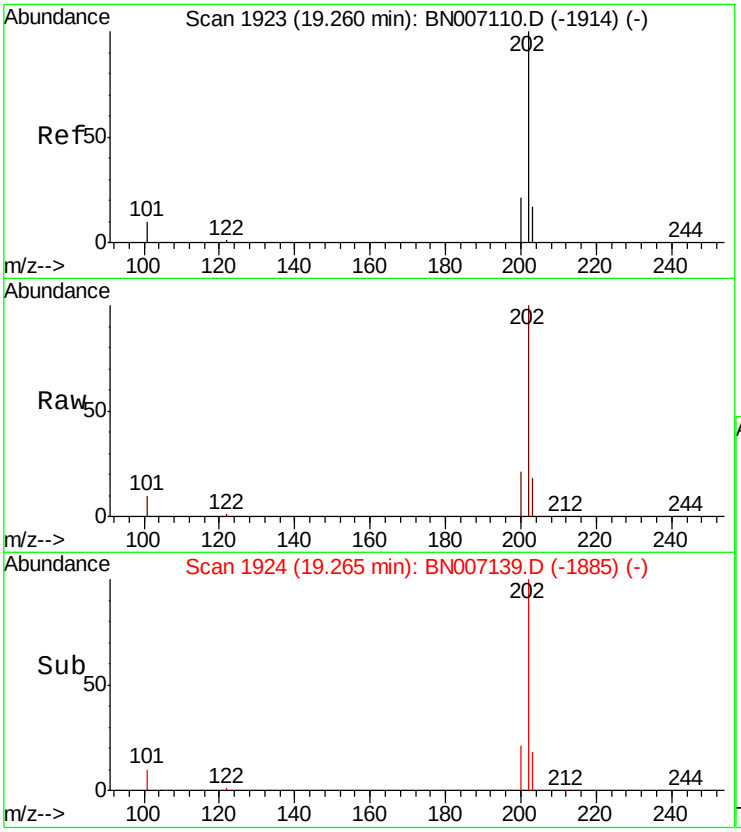


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Tgt Ion:240 Resp: 46618

Ion	Ratio	Lower	Upper
240	100		
120	8.3	4.0	6.0#
236	27.5	21.3	31.9



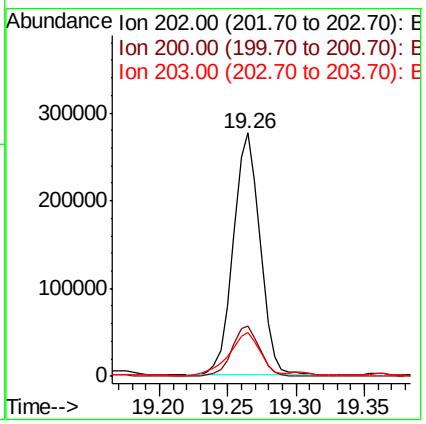


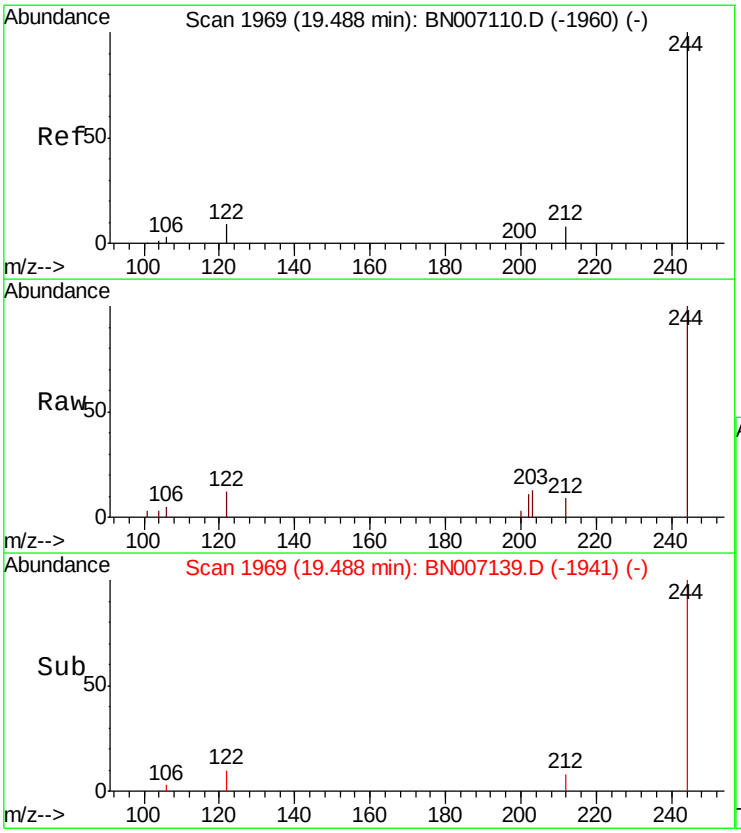
#27
Pyrene
Concen: 2.305 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 376845

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

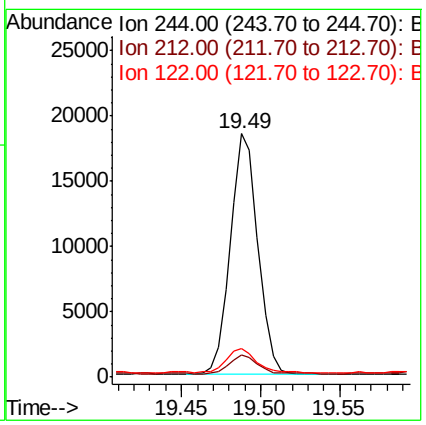


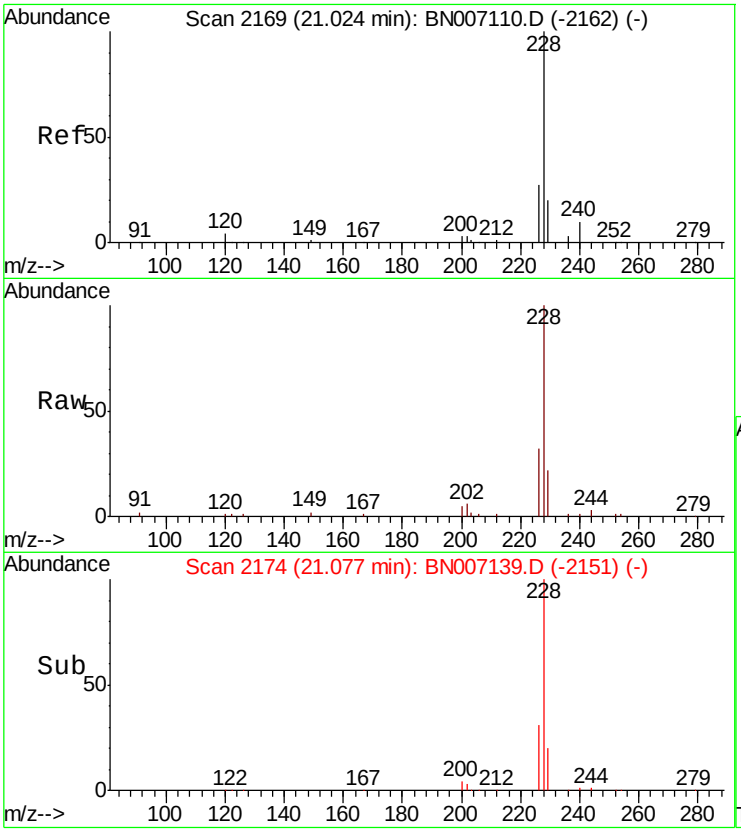


#28
Terphenyl-d14
Concen: 0.176 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Tgt Ion:244 Resp: 22351

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.2	9.2
122	11.9	7.4	11.2#



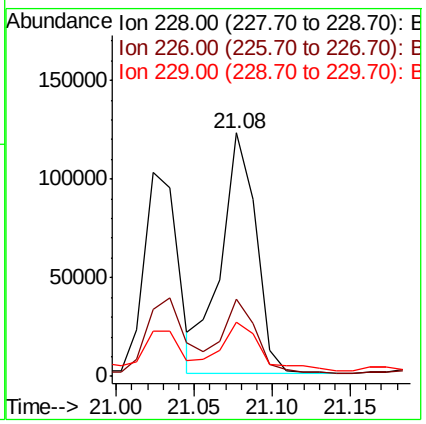


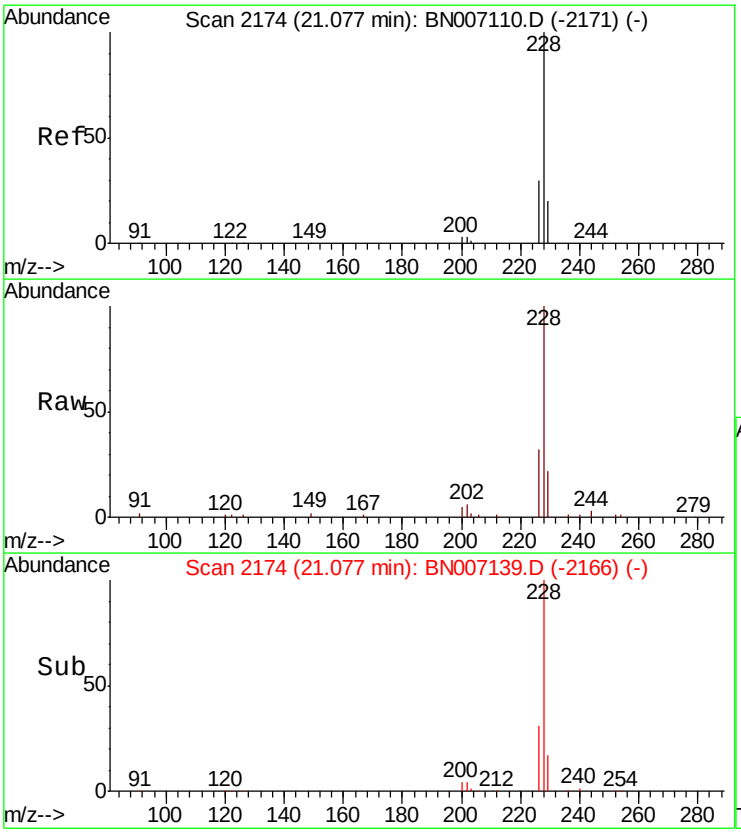
#29
Benzo(a)anthracene
Concen: 1.118 ng
RT: 21.08 min Scan# 2174
Delta R.T. 0.04 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 190658

Ion	Ratio	Lower	Upper
228	100		
226	31.9	21.8	32.6
229	22.5	15.6	23.4

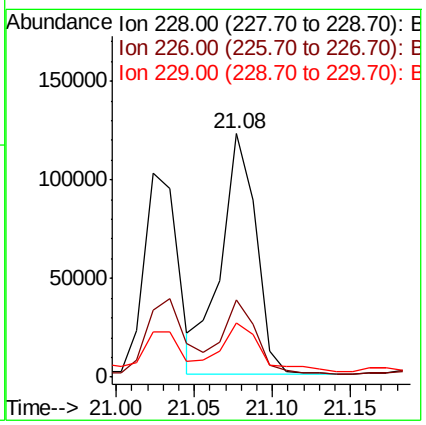


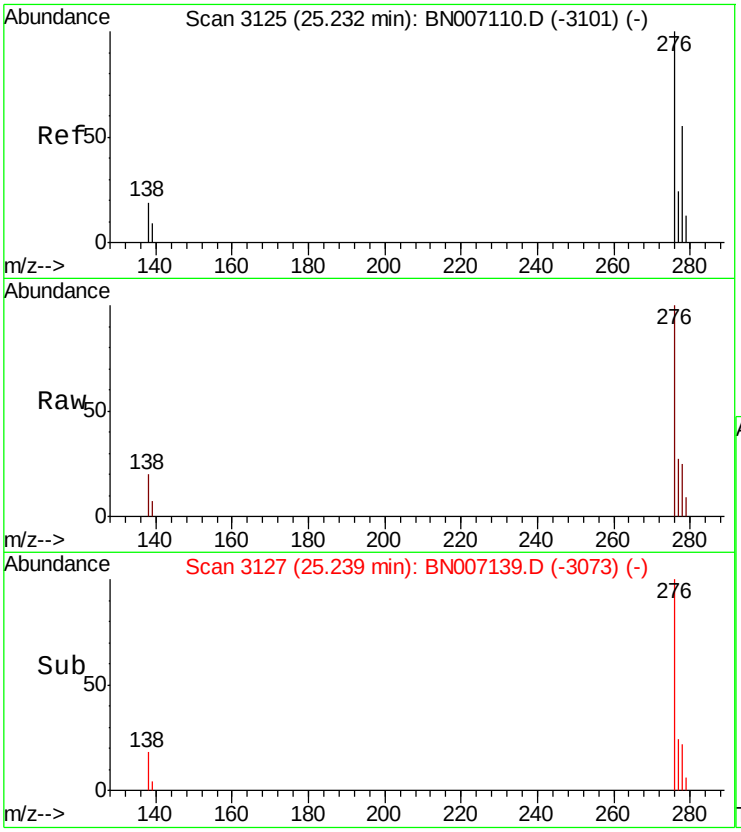


#30
Chrysene
Concen: 1.147 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Tgt Ion:228 Resp: 190004

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.8	35.6
229	22.5	15.7	23.5



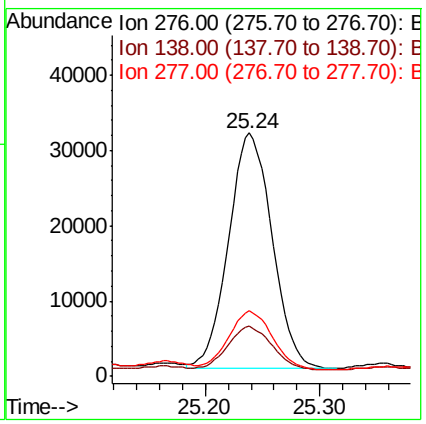


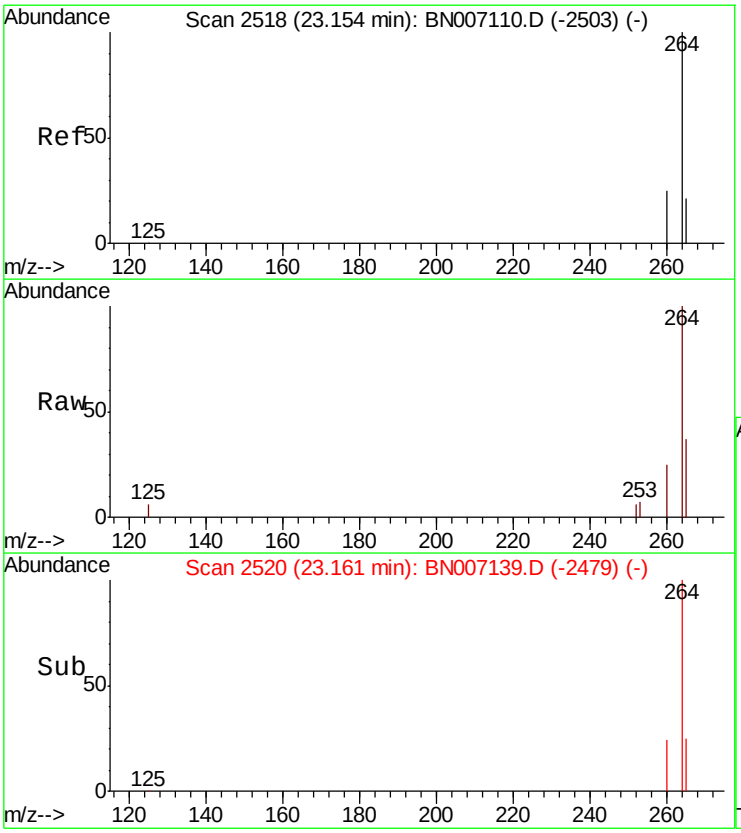
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.448 ng
RT: 25.24 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 81820

Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.0	24.0
277	25.1	19.9	29.9

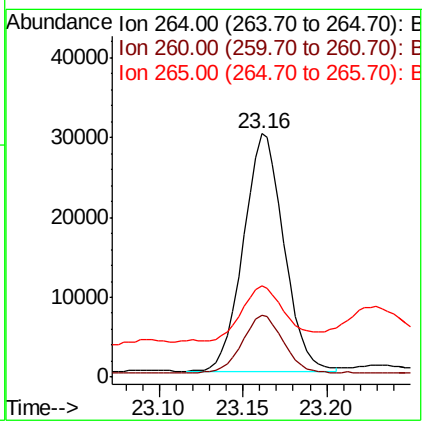


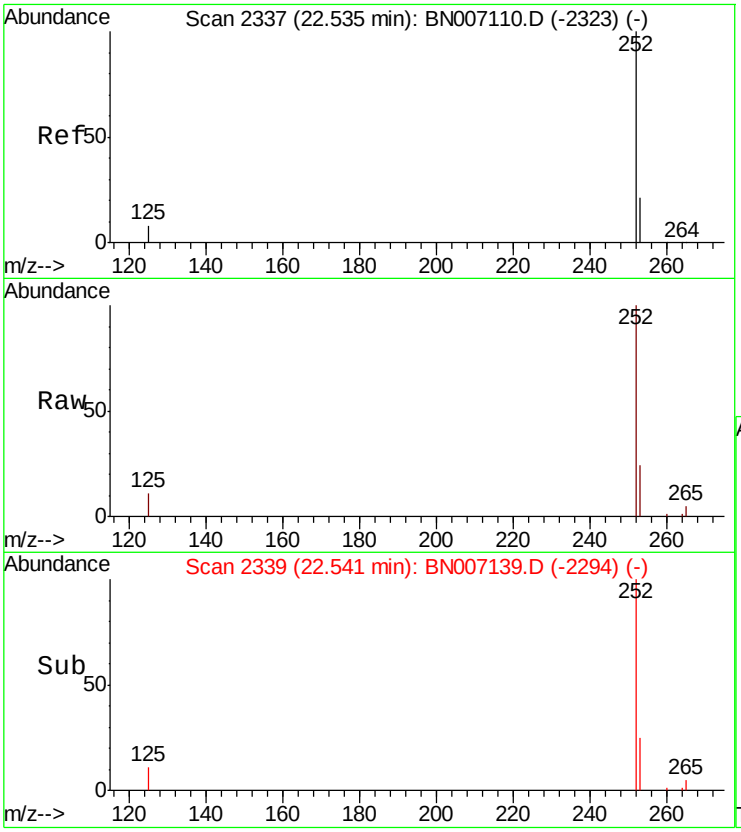


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Tgt Ion:264 Resp: 50233

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.8
265	37.4	26.2	39.4



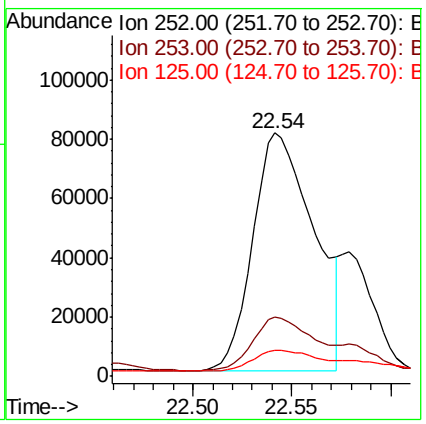


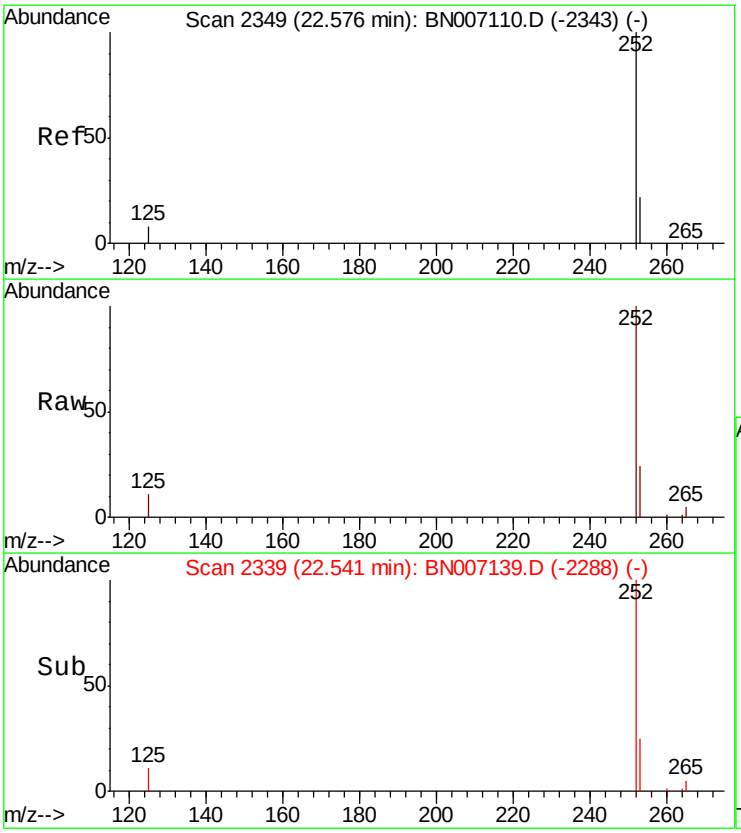
#33
Benzo(b)fluoranthene
Concen: 1.001 ng
RT: 22.54 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 172464

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	10.7	7.4	11.0

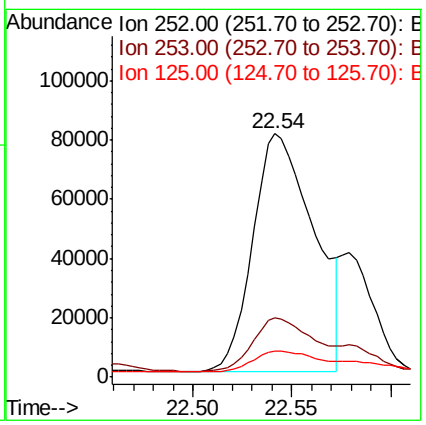


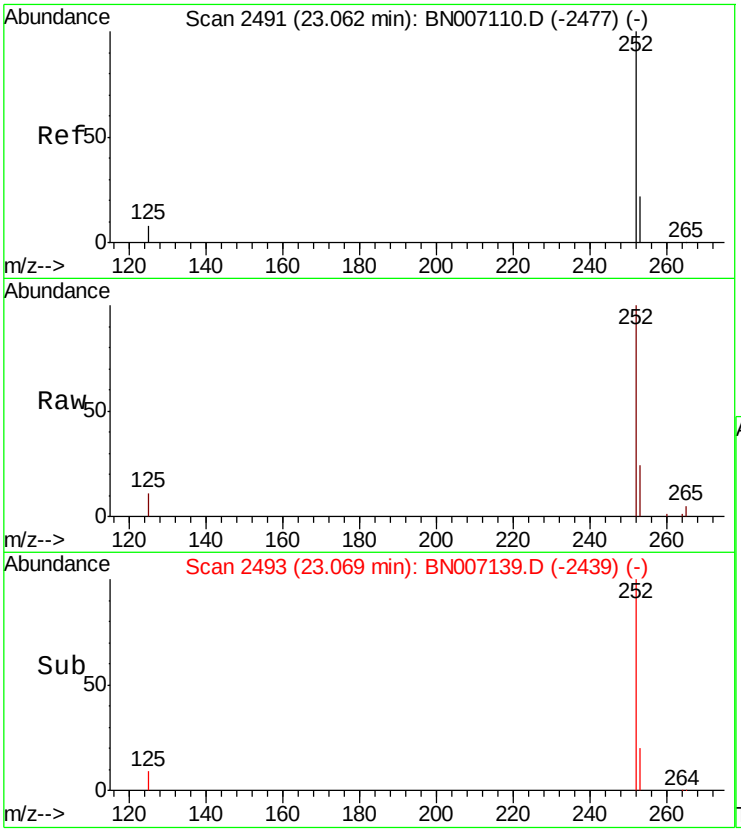


#34
Benzo(k)fluoranthene
Concen: 1.014 ng
RT: 22.54 min Scan# 2339
Delta R.T. -0.05 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Tgt Ion:252 Resp: 172464

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	10.7	7.4	11.0



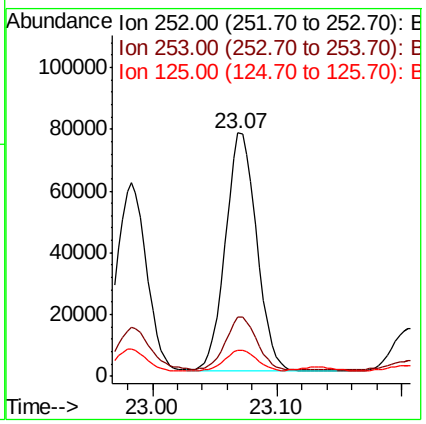


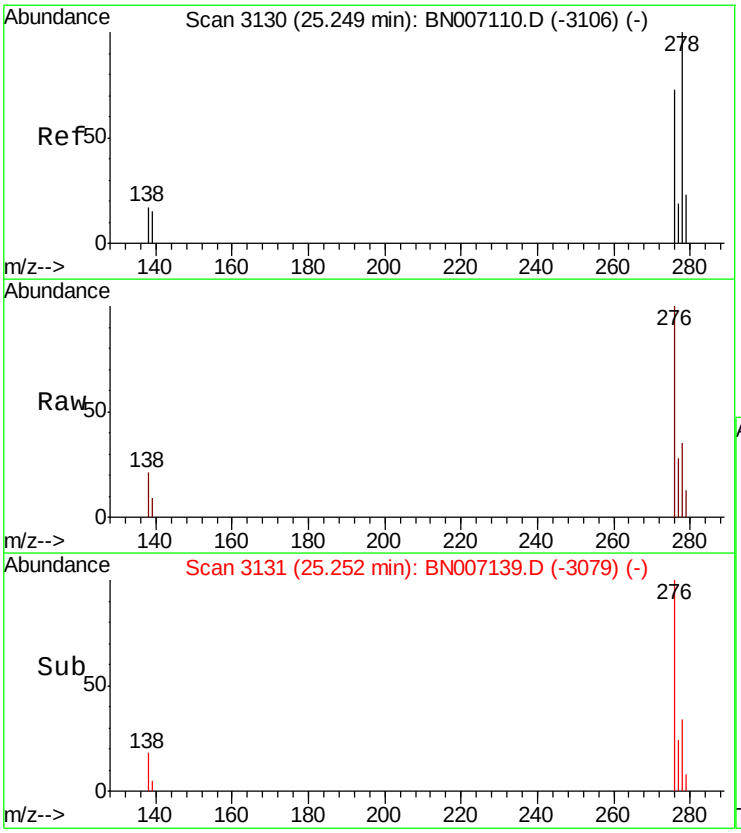
#35
Benzo(a)pyrene
Concen: 0.860 ng
RT: 23.07 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 134236

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	10.9	8.2	12.4

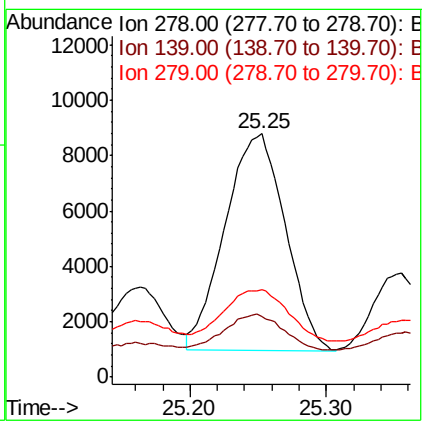


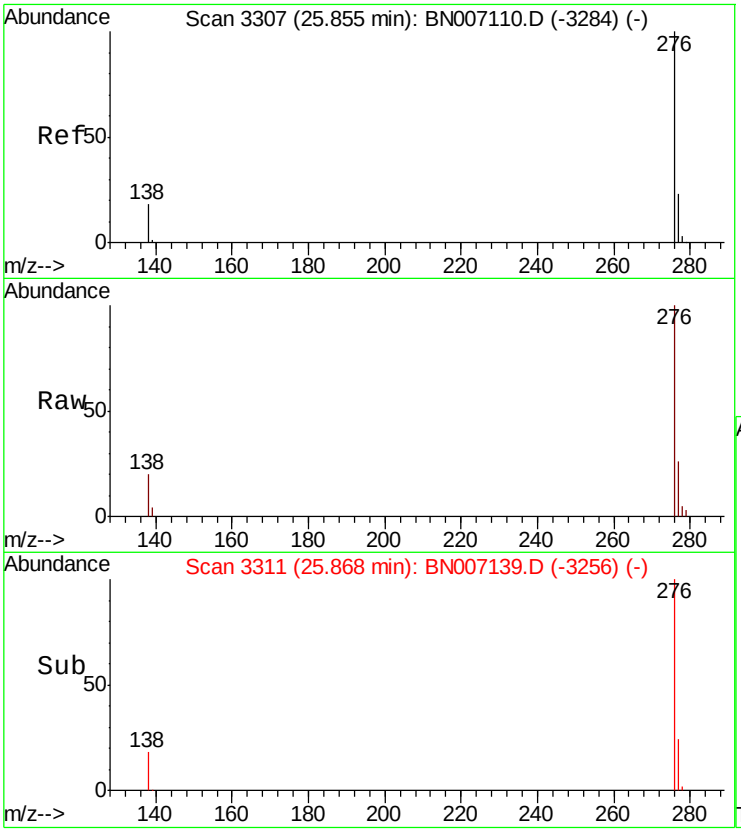


#36
Dibenzo(a,h)anthracene
Concen: 0.155 ng
RT: 25.25 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Tgt Ion:278 Resp: 24172

Ion	Ratio	Lower	Upper
278	100		
139	24.8	11.3	16.9#
279	36.1	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 0.570 ng
RT: 25.87 min Scan# 3311
Delta R.T. -0.01 min
Lab File: BN007139.D
Acq: 13 Aug 2019 19:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 91288

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.8	29.8
138	20.1	14.6	22.0