Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN041420\
Data File : BN010478.D
Acq On : 14 Apr 2020 14:55
Operator : CG/JU
Sample : L1798-21DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RR-PAH-WPDL

Quant Time: Apr 14 15:24:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	5075	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	21146	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	13524	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	30615	0.40	ng	0.00
27) Chrysene-d12	21.17	240	27244	0.40	ng	-0.01
34) Perylene-d12	23.35	264	22855	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	976	0.09	ng	0.00
5) Phenol-d6	6.79	99	1268	0.09	ng	0.00
8) Nitrobenzene-d5	8.74	82	1077	0.07	ng	0.00
11) 2-Methylnaphthalene-d10	11.96	152	2369	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	536	0.08	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	3697	0.08	ng	0.00
25) Fluoranthene-d10	19.01	212	6200	0.07	ng	0.00
29) Terphenyl-d14	19.62	244	5607	0.09	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.41	128	41997	0.800	ng	98
16) Acenaphthylene	13.95	152	45435	0.778	ng	99
17) Acenaphthene	14.29	154	112786	3.004	ng	99
18) Fluorene	15.28	166	57770	1.175	ng	100
23) Phenanthrene	17.02	178	43393	0.525	ng	100
24) Anthracene	17.10	178	33583	0.444	ng	100
26) Fluoranthene	19.04	202	35426	0.344	ng	99
28) Pyrene	19.41	202	59173	0.645	ng	100
30) Benzo(a)anthracene	21.16	228	27760	0.312	ng	98
31) Chrysene	21.22	228	59809	0.676	ng	98
33) Indeno(1,2,3-cd)pyrene	25.50	276	25654	0.328	ng	96
35) Benzo(b)fluoranthene	22.75	252	54631	0.726	ng	96
36) Benzo(k)fluoranthene	22.75	252	54631	0.725	ng	96
37) Benzo(a)pyrene	23.26	252	51372	0.771	ng	93
38) Dibenzo(a,h)anthracene	25.51	278	31595	0.519	ng	97
39) Benzo(g,h,i)perylene	26.14	276	47761	0.779	ng	98

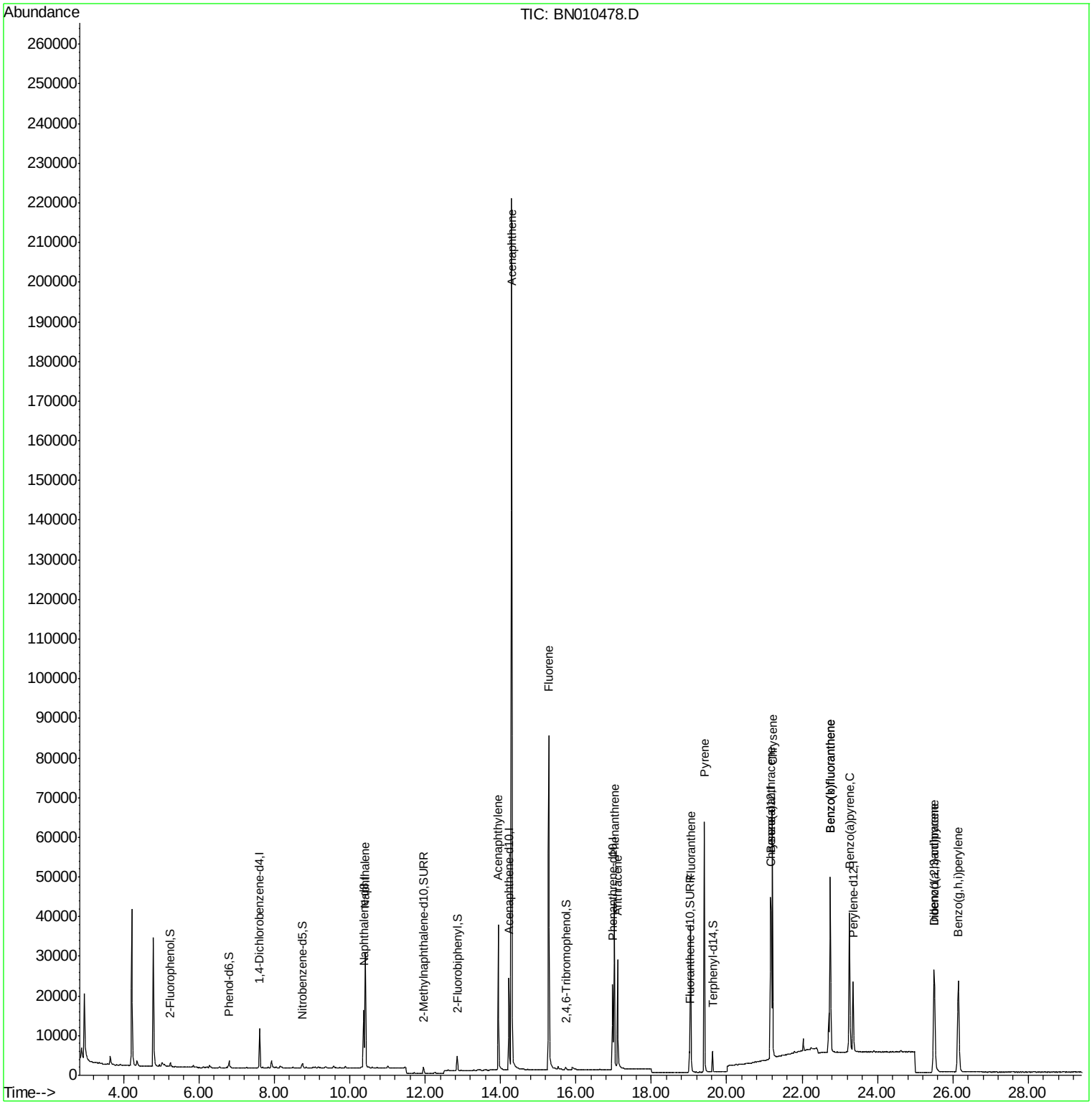
(#) = qualifier out of range (m) = manual integration (+) = signals summed

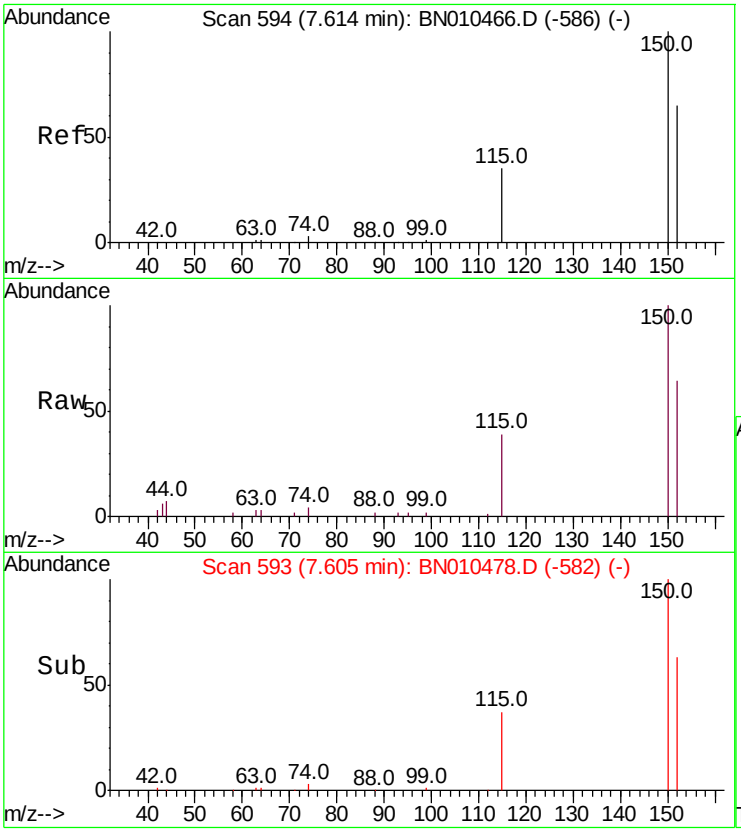
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN041420\
Data File : BN010478.D
Acq On : 14 Apr 2020 14:55
Operator : CG/JU
Sample : L1798-21DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Quant Time: Apr 14 15:24:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration



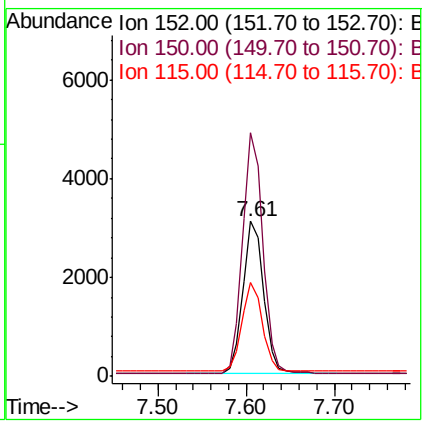


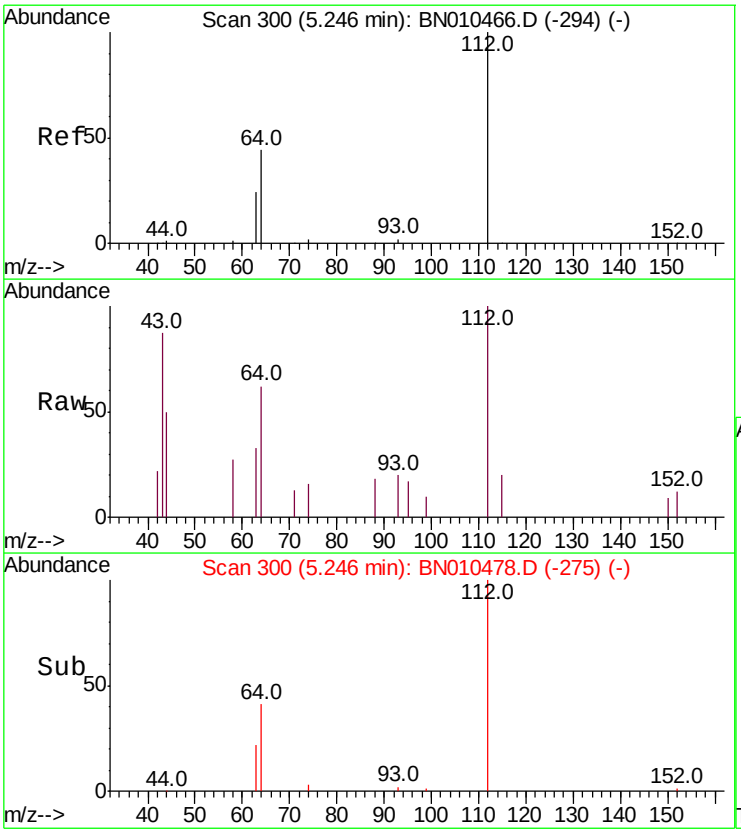
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Tgt Ion:152 Resp: 5075

Ion	Ratio	Lower	Upper
152	100		
150	157.1	121.8	182.6
115	61.0	45.5	68.3

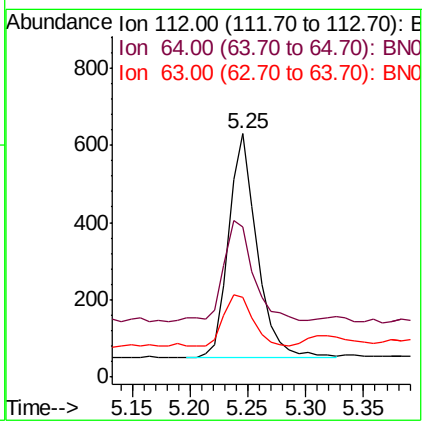


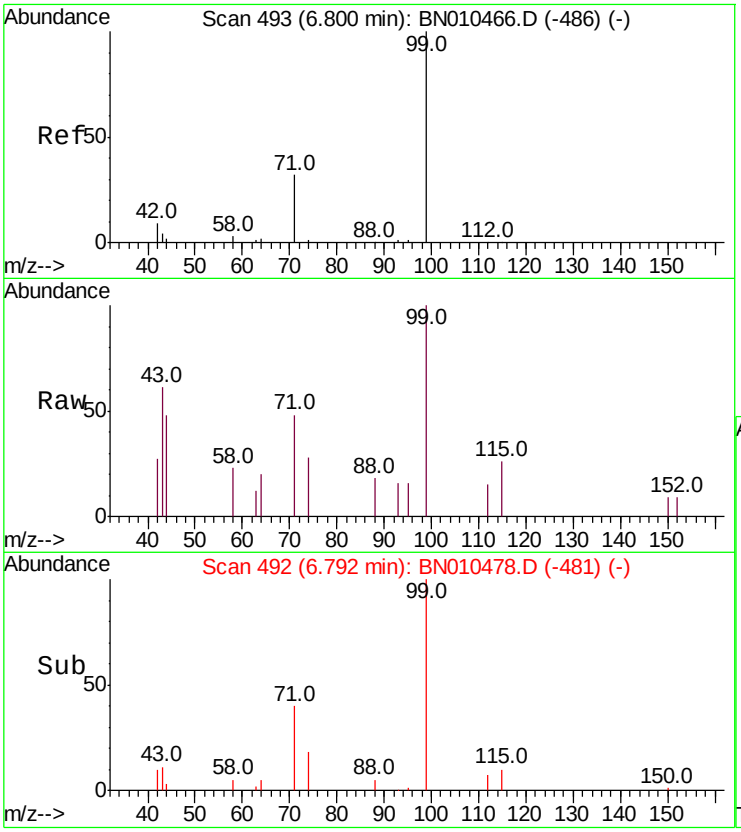


#4
2-Fluorophenol
Concen: 0.088 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.00 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Tgt Ion:112 Resp: 976

Ion	Ratio	Lower	Upper
112	100		
64	48.5	35.8	53.8
63	23.9	19.9	29.9



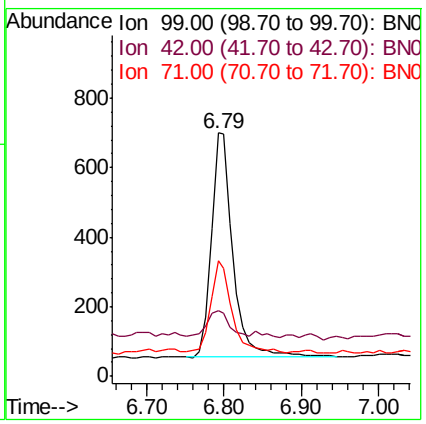


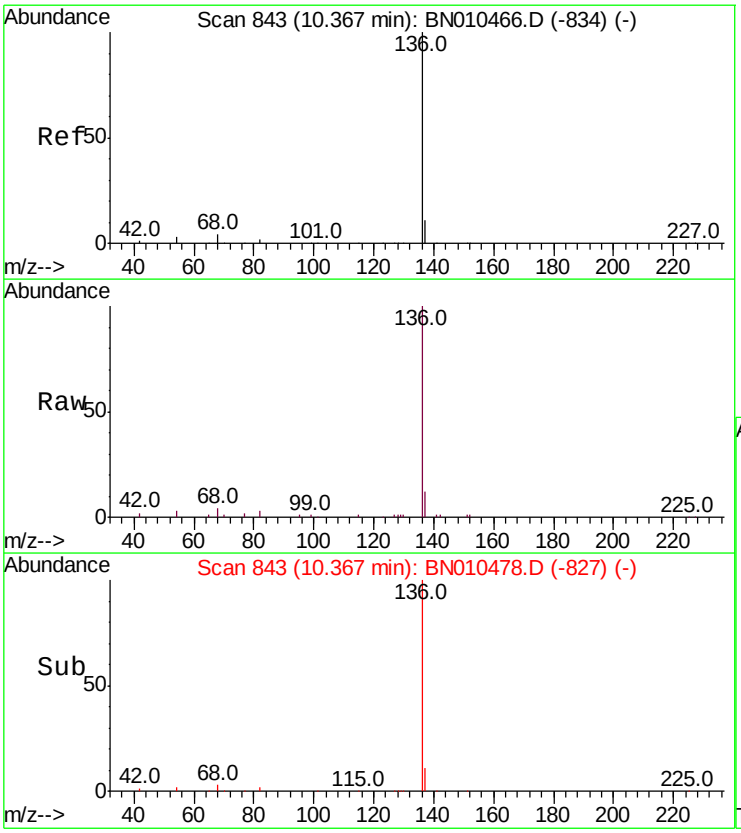
#5
Phenol-d6
Concen: 0.087 ng
RT: 6.79 min Scan# 492
Delta R.T. -0.01 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Tgt Ion: 99 Resp: 1268

Ion	Ratio	Lower	Upper
99	100		
42	12.1	9.8	14.6
71	39.6	27.8	41.8

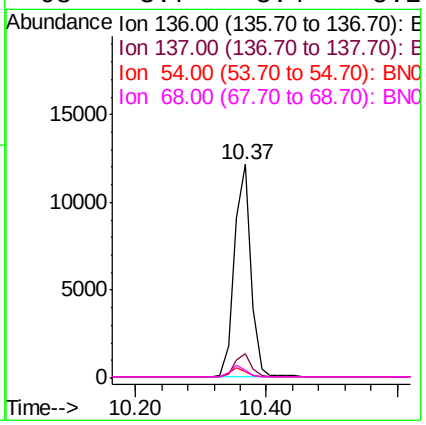


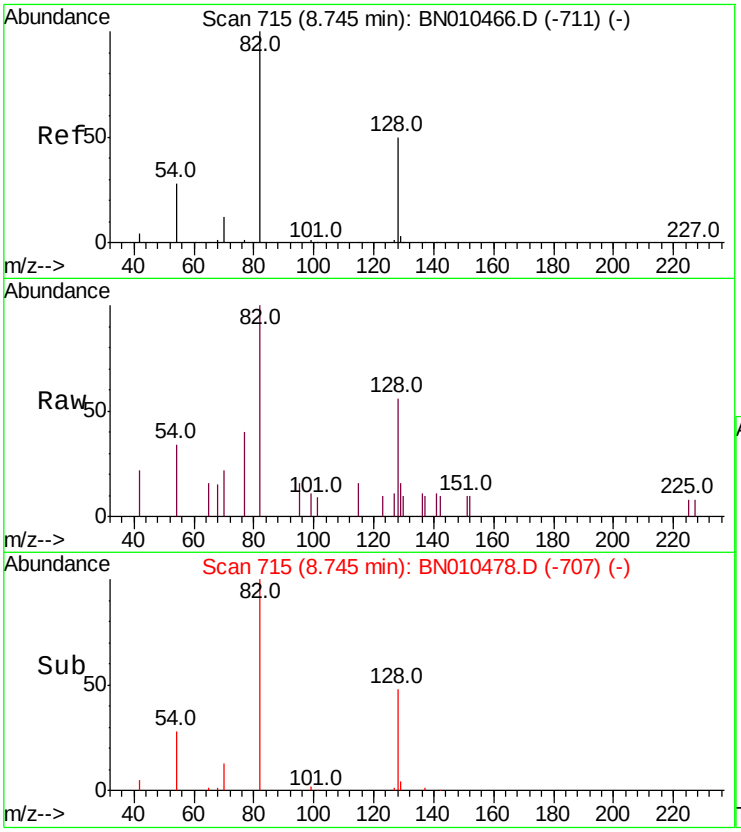


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.00 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Tgt Ion:136 Resp: 21146

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	2.8	2.6	4.0
68	3.7	3.4	5.2



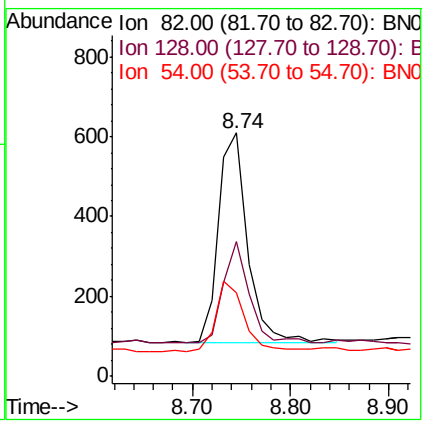


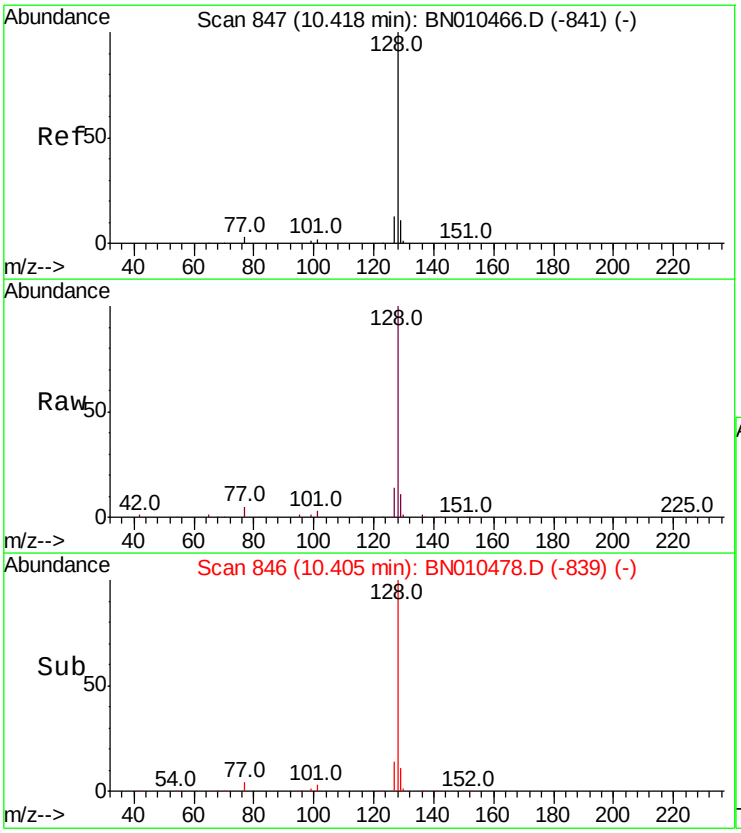
#8
Nitrobenzene-d5
Concen: 0.073 ng
RT: 8.74 min Scan# 715
Delta R.T. -0.00 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Tgt Ion: 82 Resp: 1077

Ion	Ratio	Lower	Upper
82	100		
128	55.7	41.3	61.9
54	34.5	23.4	35.0

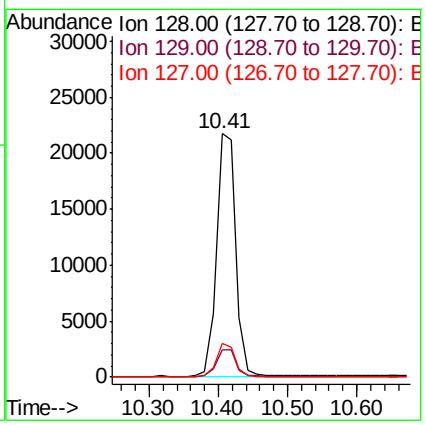


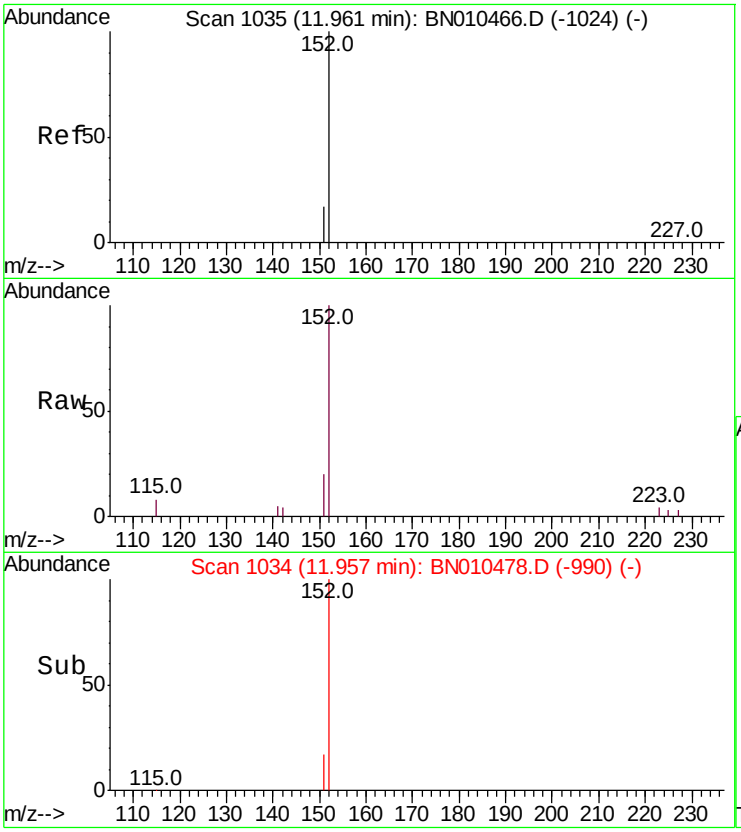


#9
Naphthalene
Concen: 0.800 ng
RT: 10.41 min Scan# 846
Delta R.T. -0.01 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Tgt Ion:128 Resp: 41997

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.8	10.5	15.7



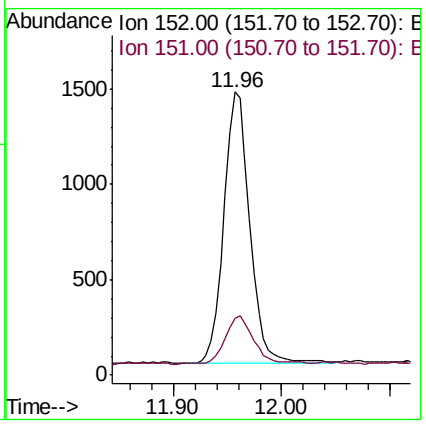


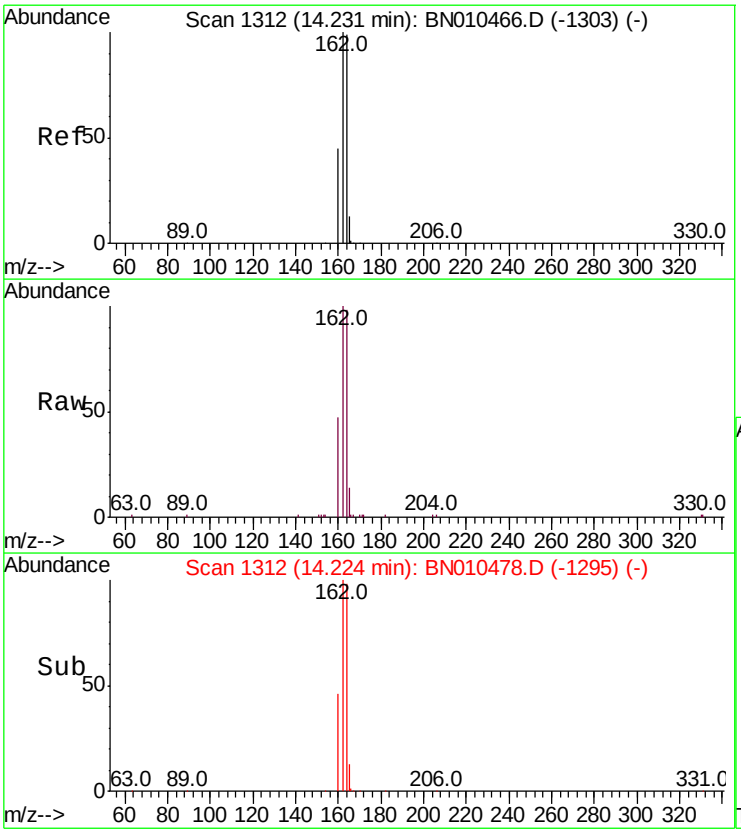
#11
2-Methylnaphthalene-d10
Concen: 0.068 ng
RT: 11.96 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Tgt Ion:152 Resp: 2369

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.3	22.9

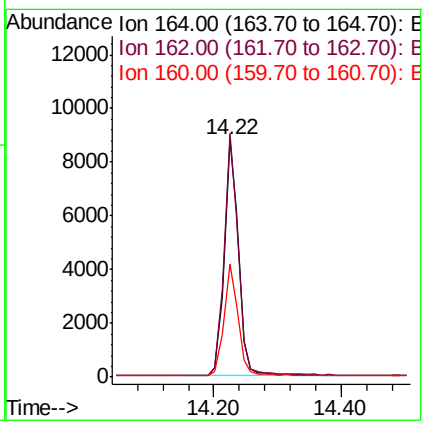


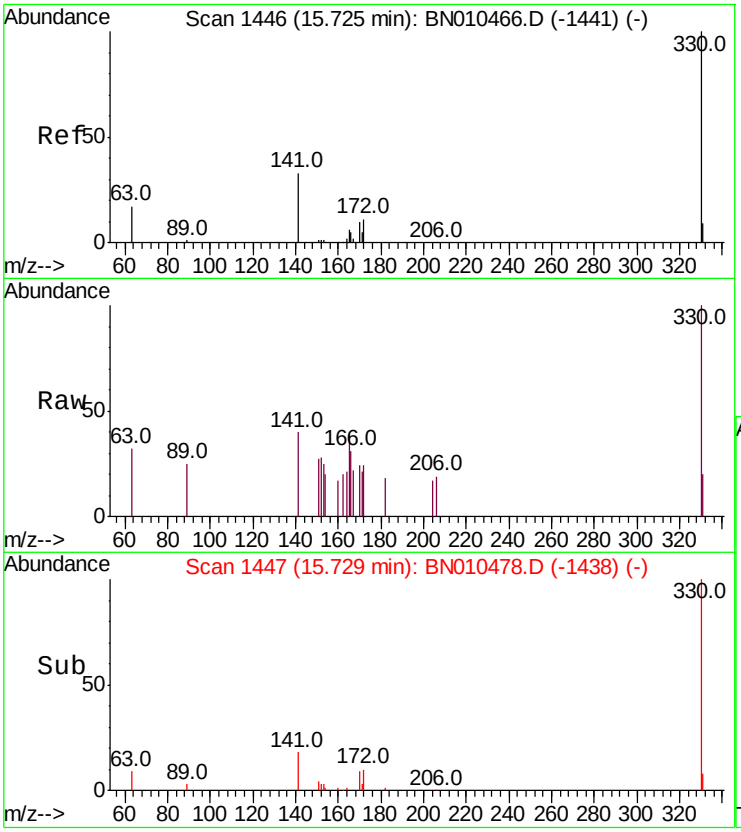


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Tgt Ion:164 Resp: 13524

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.6	121.0
160	47.7	36.5	54.7



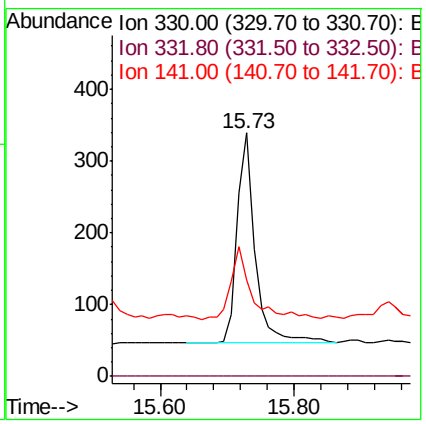


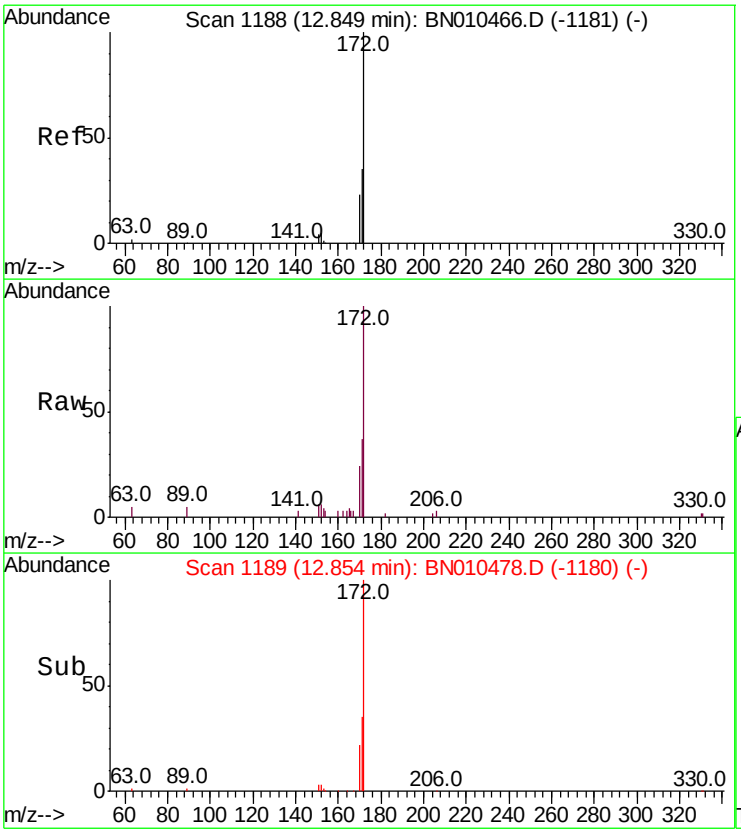
#14
2,4,6-Tribromophenol
Concen: 0.084 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Tgt Ion:330 Resp: 536

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.0	28.1	42.1

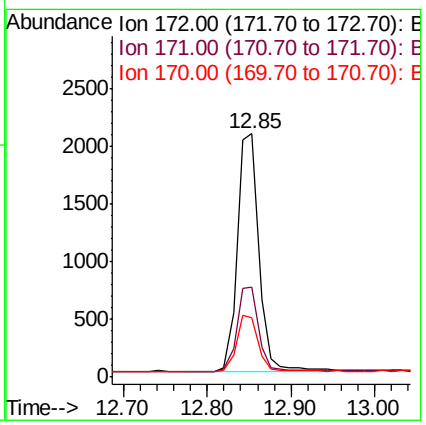


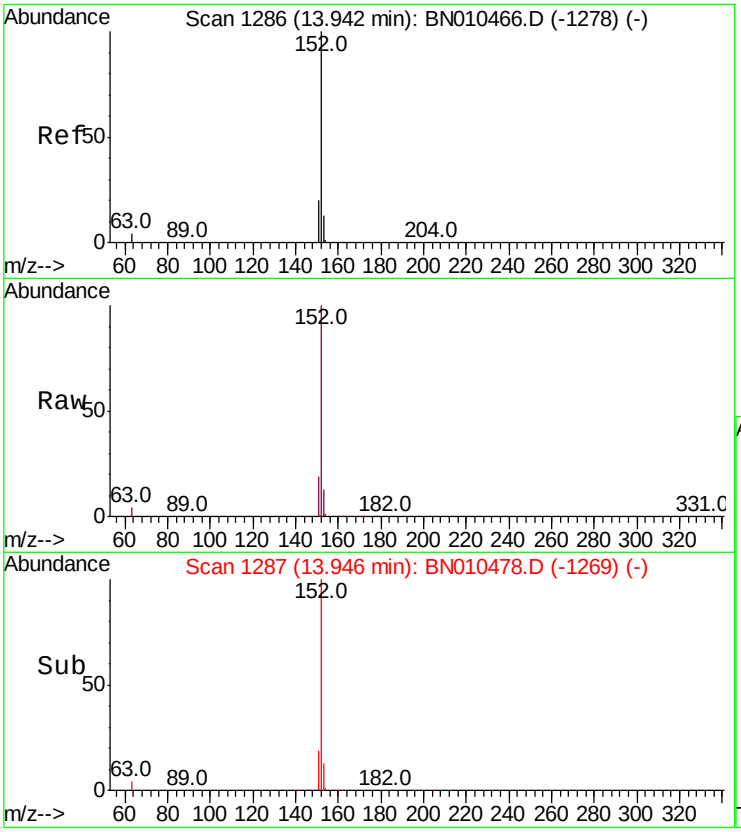


#15
2-Fluorobiphenyl
Concen: 0.075 ng
RT: 12.85 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Tgt Ion:172 Resp: 3697

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.2	42.2
170	24.3	18.4	27.6



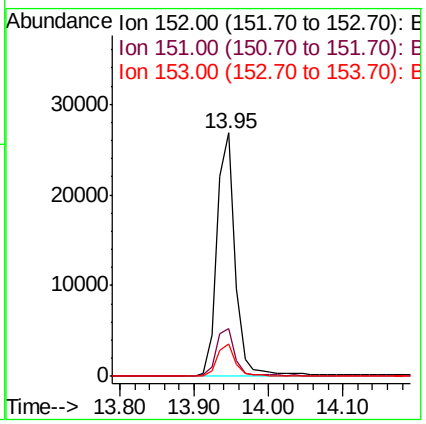


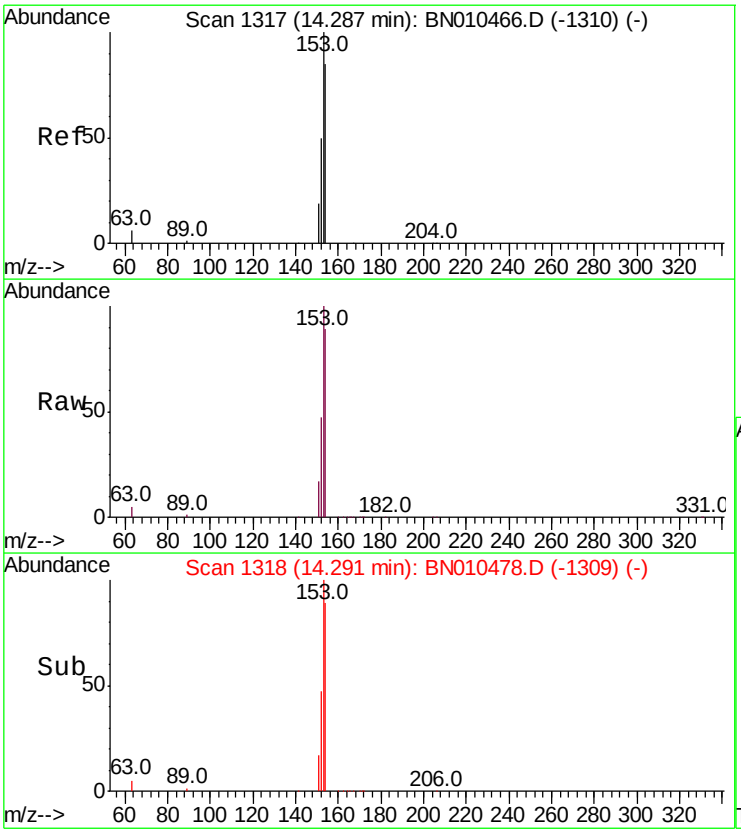
#16
Acenaphthylene
Concen: 0.778 ng
RT: 13.95 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Tgt Ion:152 Resp: 45435

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.1	10.6	15.8

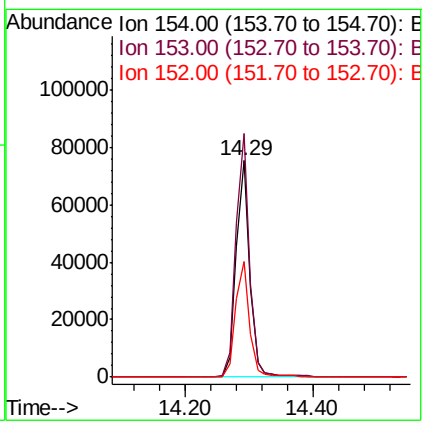


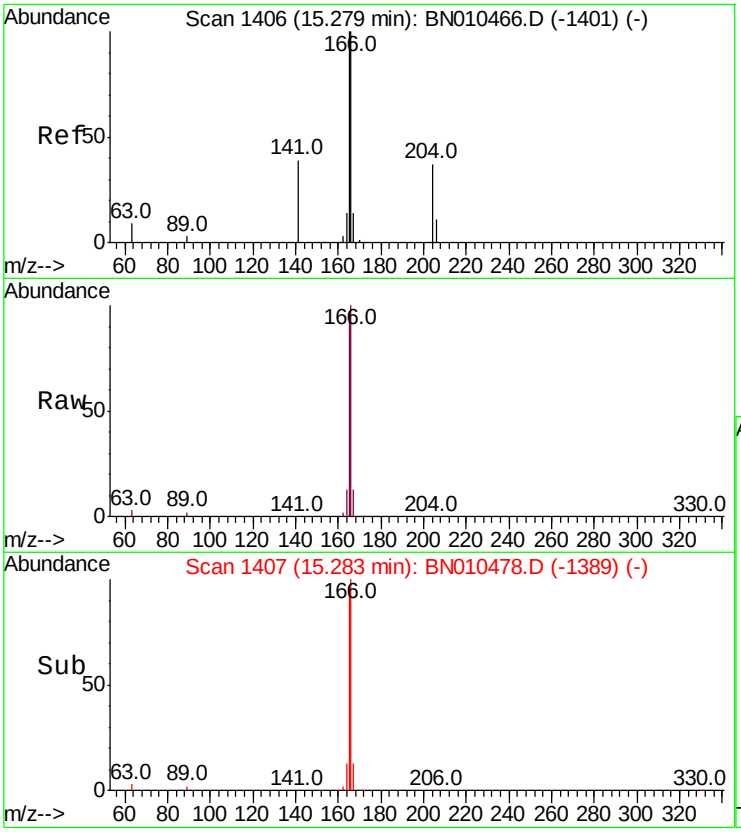


#17
Acenaphthene
Concen: 3.004 ng
RT: 14.29 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Tgt Ion:154 Resp: 112786

Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.0	136.4
152	54.8	44.6	67.0



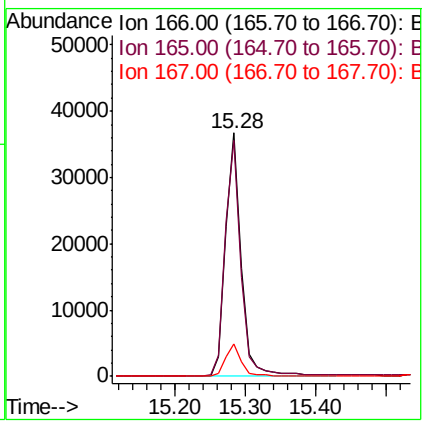


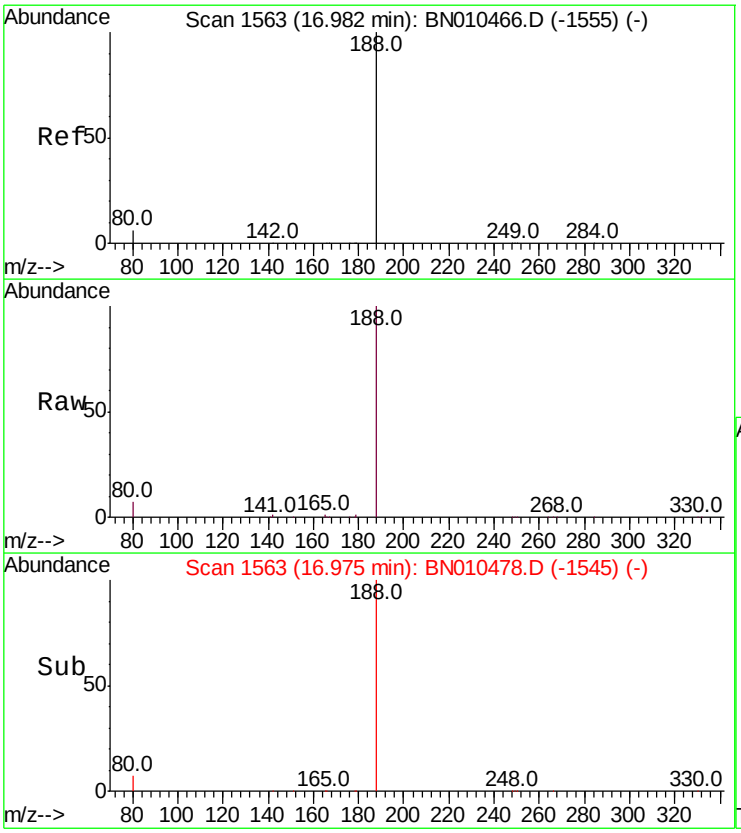
#18
Fluorene
Concen: 1.175 ng
RT: 15.28 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Tgt Ion:166 Resp: 57770

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	13.3	10.9	16.3

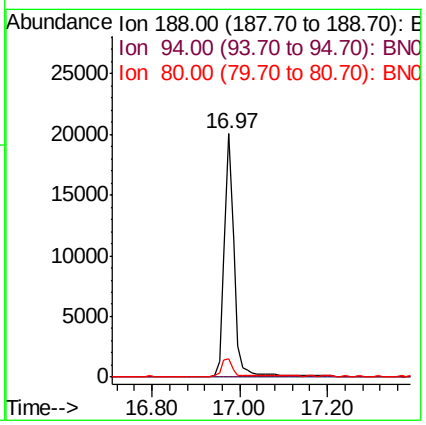


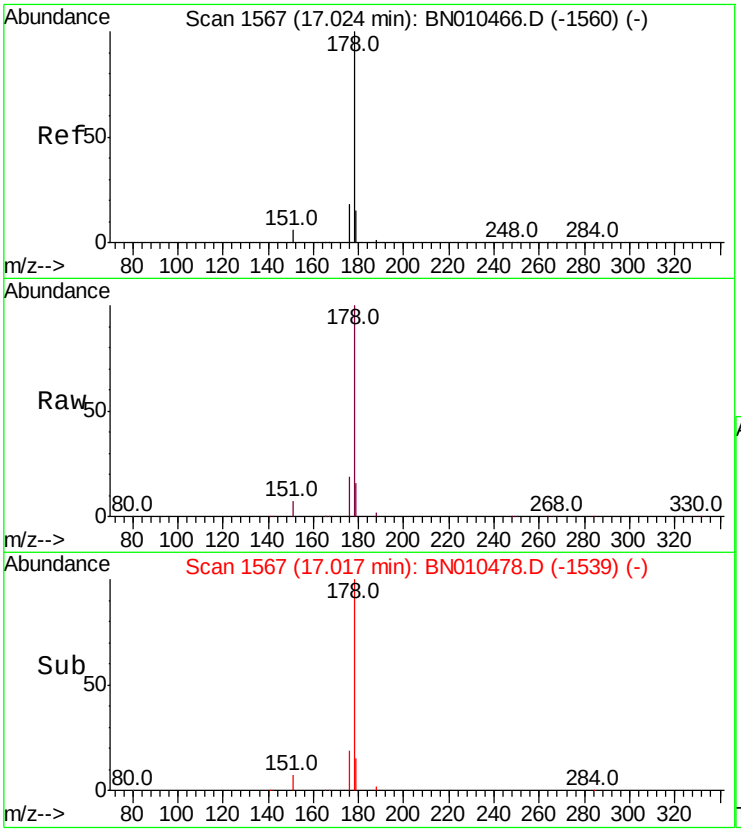


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.97 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Tgt Ion:188 Resp: 30615

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	5.0	7.6



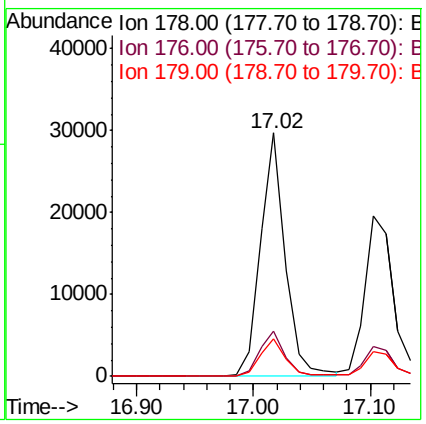


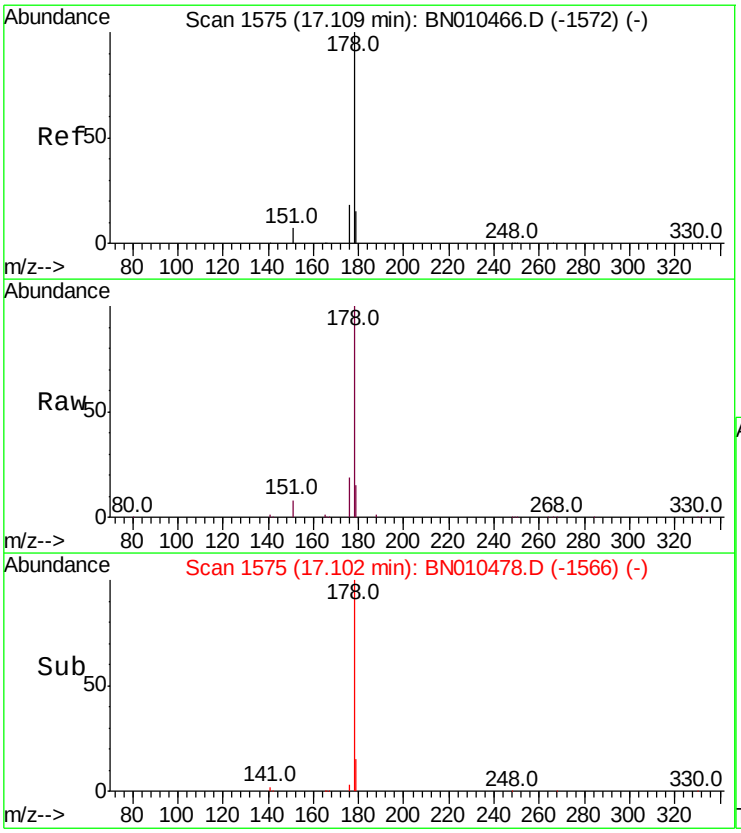
#23
Phenanthrene
Concen: 0.525 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Tgt Ion:178 Resp: 43393

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.6	18.8

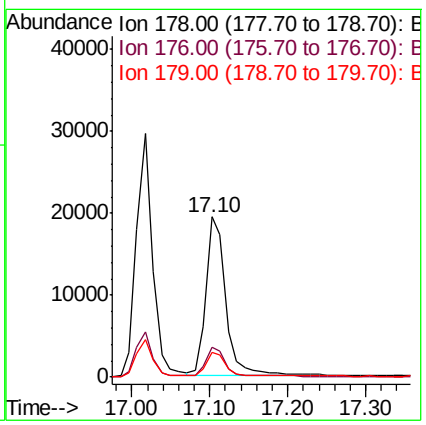


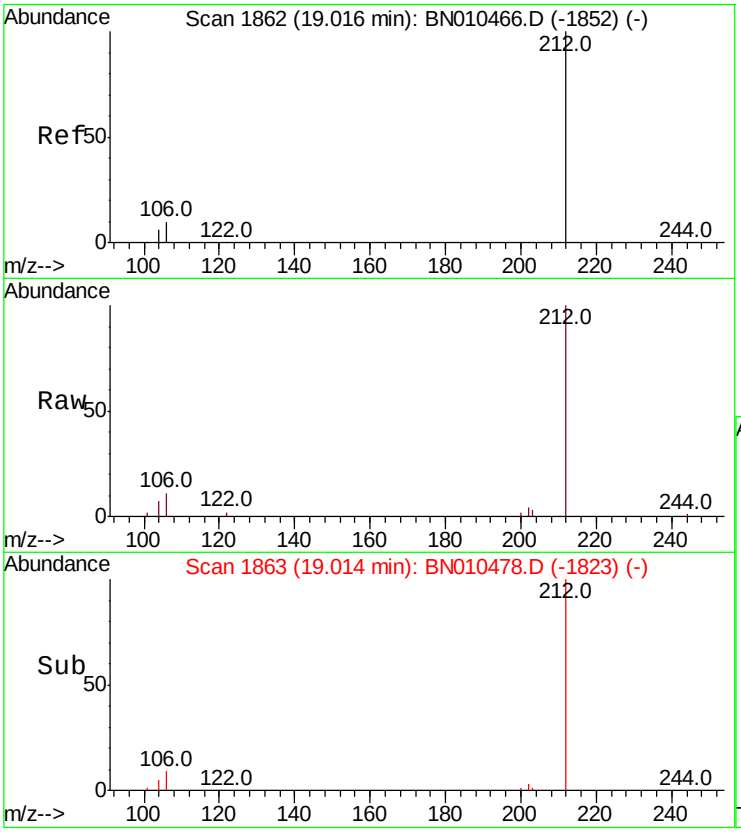


#24
Anthracene
Concen: 0.444 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Tgt Ion:178 Resp: 33583

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.1	12.2	18.2



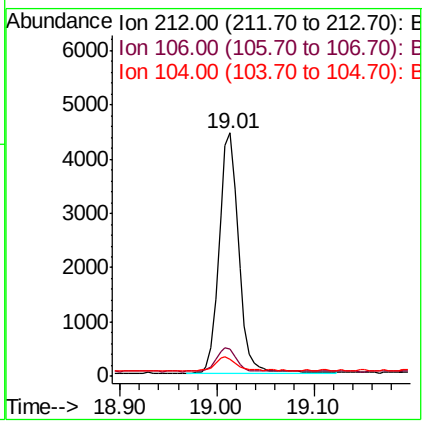


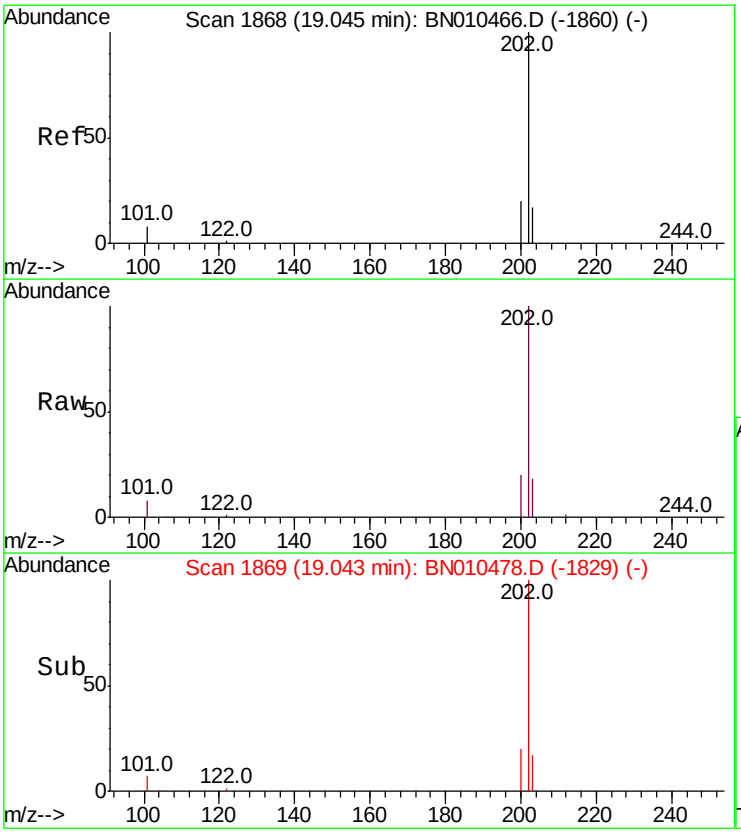
#25
Fluoranthene-d10
Concen: 0.067 ng
RT: 19.01 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Tgt Ion:212 Resp: 6200

Ion	Ratio	Lower	Upper
212	100		
106	10.0	7.8	11.6
104	6.2	4.5	6.7

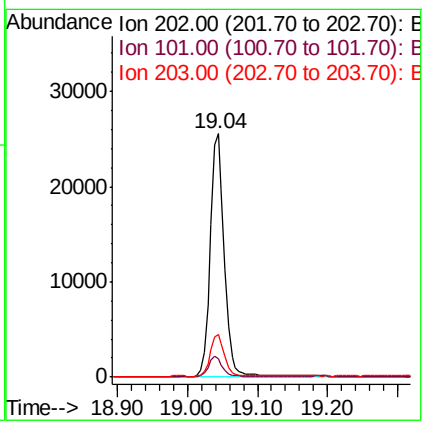


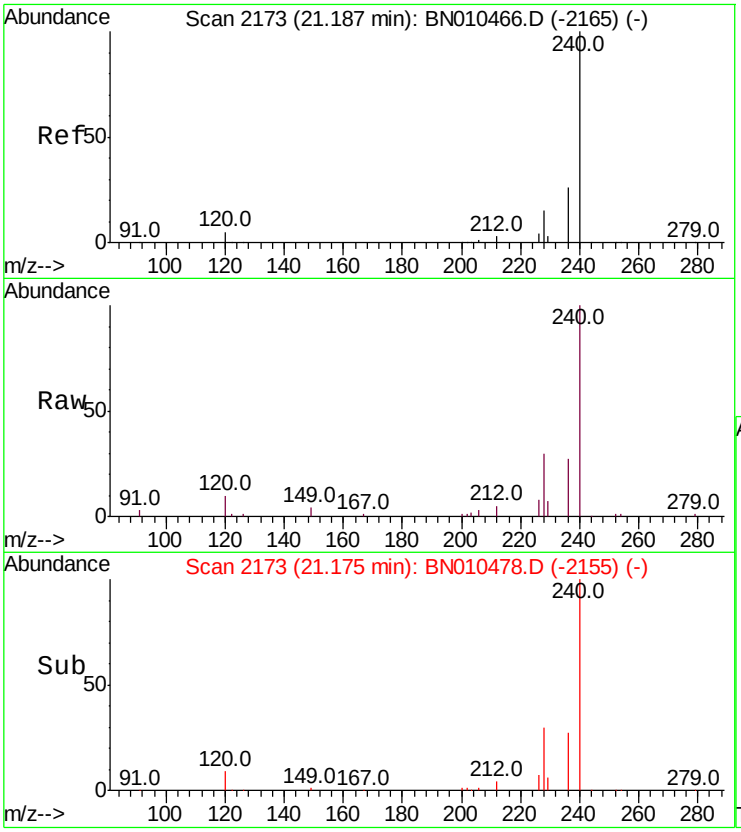


#26
Fluoranthene
Concen: 0.344 ng
RT: 19.04 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Tgt Ion:202 Resp: 35426

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.9	10.3
203	17.3	13.9	20.9



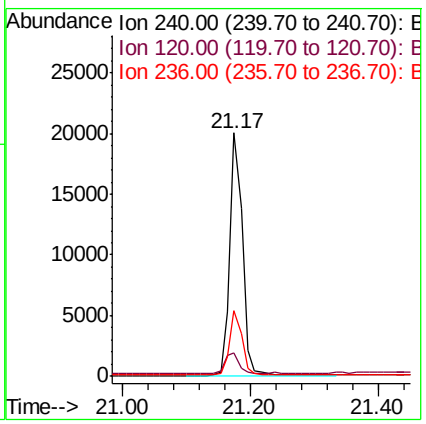


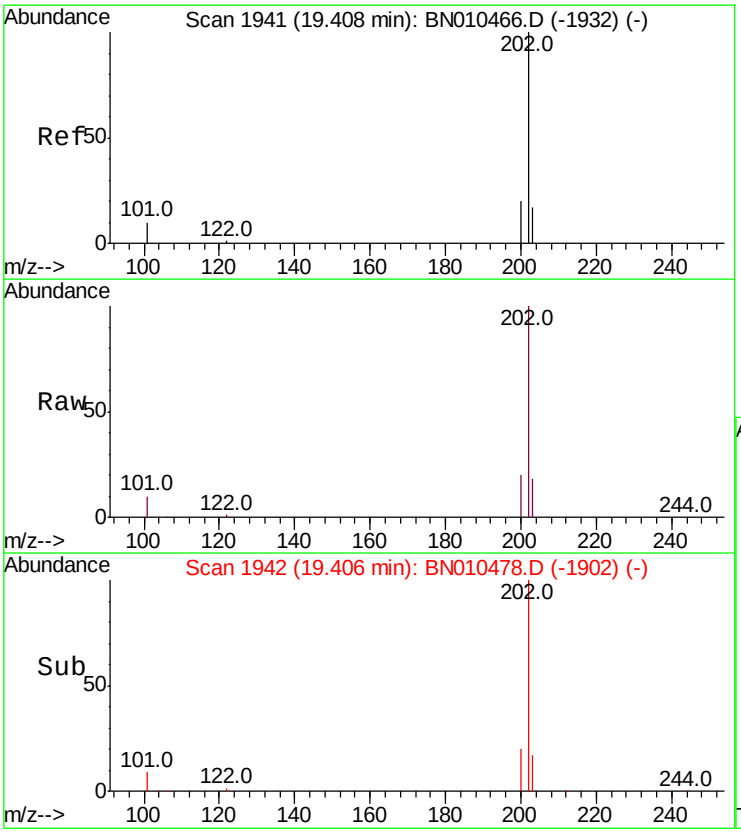
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Tgt Ion:240 Resp: 27244

Ion	Ratio	Lower	Upper
240	100		
120	9.7	4.8	7.2#
236	27.1	21.4	32.0

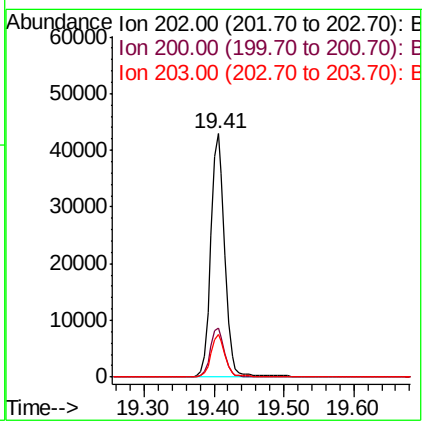


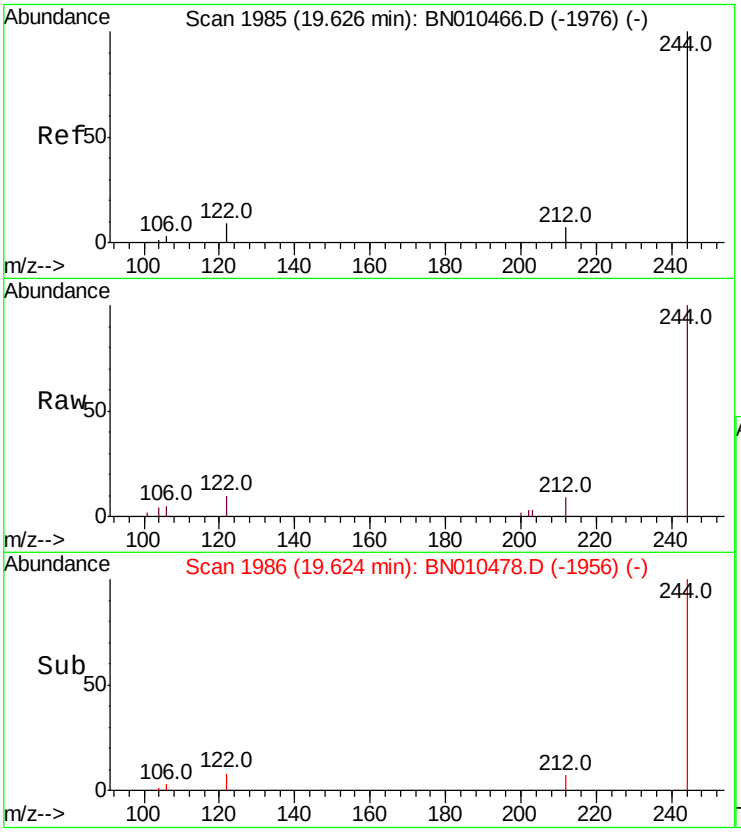


#28
Pyrene
Concen: 0.645 ng
RT: 19.41 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Tgt Ion:202 Resp: 59173

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.5	14.0	21.0



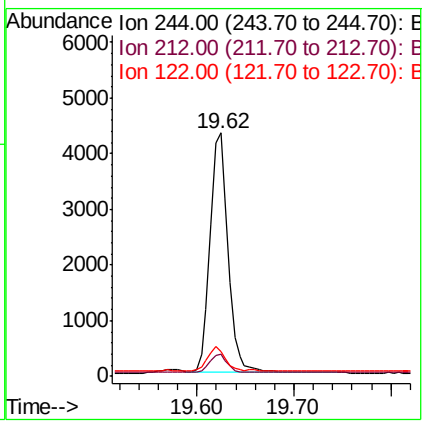


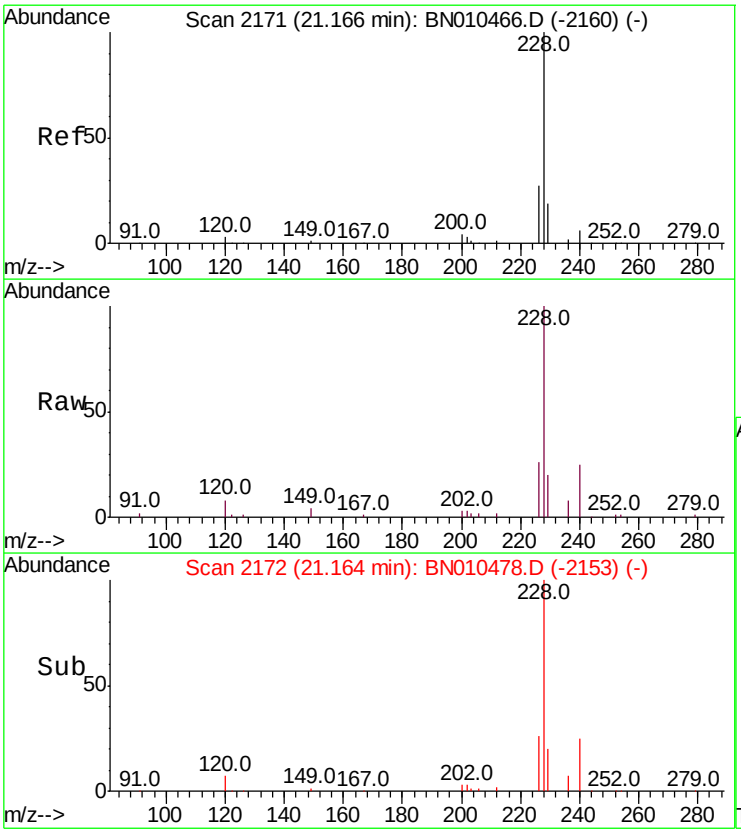
#29
Terphenyl-d14
Concen: 0.090 ng
RT: 19.62 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Tgt Ion:244 Resp: 5607

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.2	9.4
122	10.4	7.8	11.8

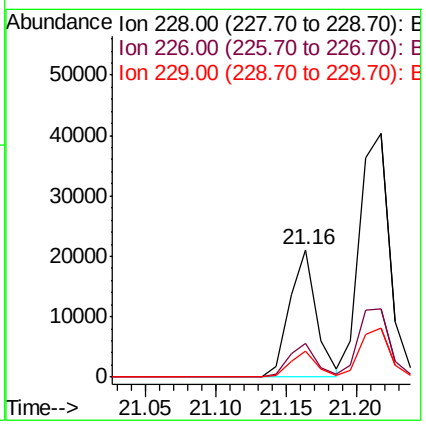


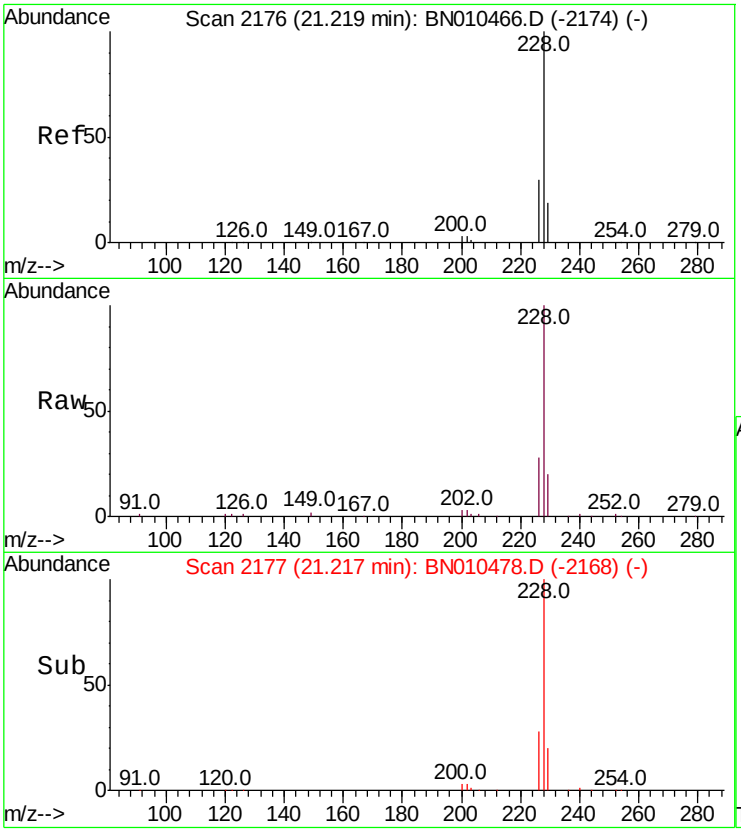


#30
Benzo(a)anthracene
Concen: 0.312 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Tgt Ion:228 Resp: 27760

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.7	32.5
229	20.0	15.6	23.4



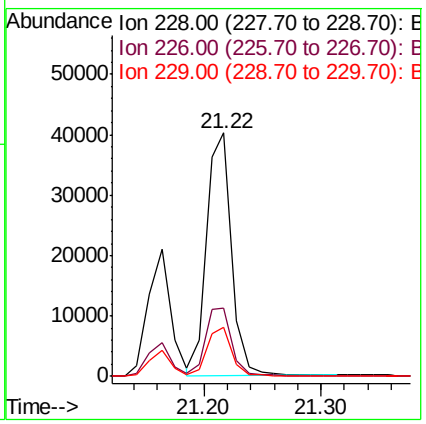


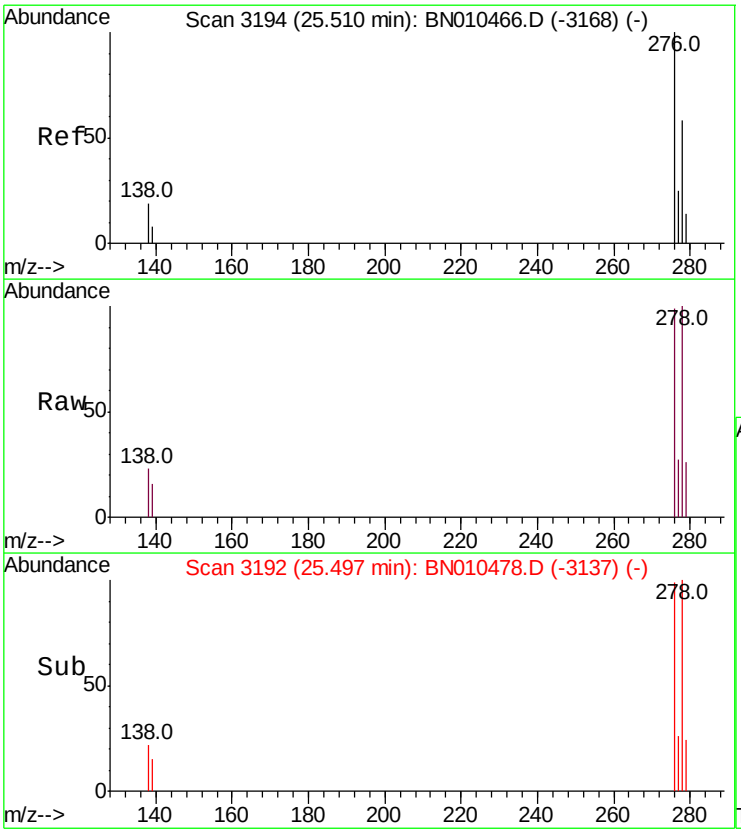
#31
Chrysene
Concen: 0.676 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Tgt Ion:228 Resp: 59809

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.0	36.0
229	20.0	15.8	23.6

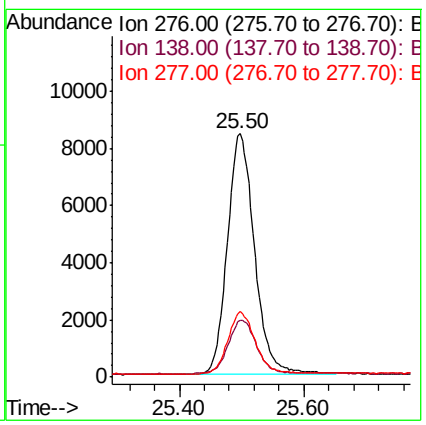


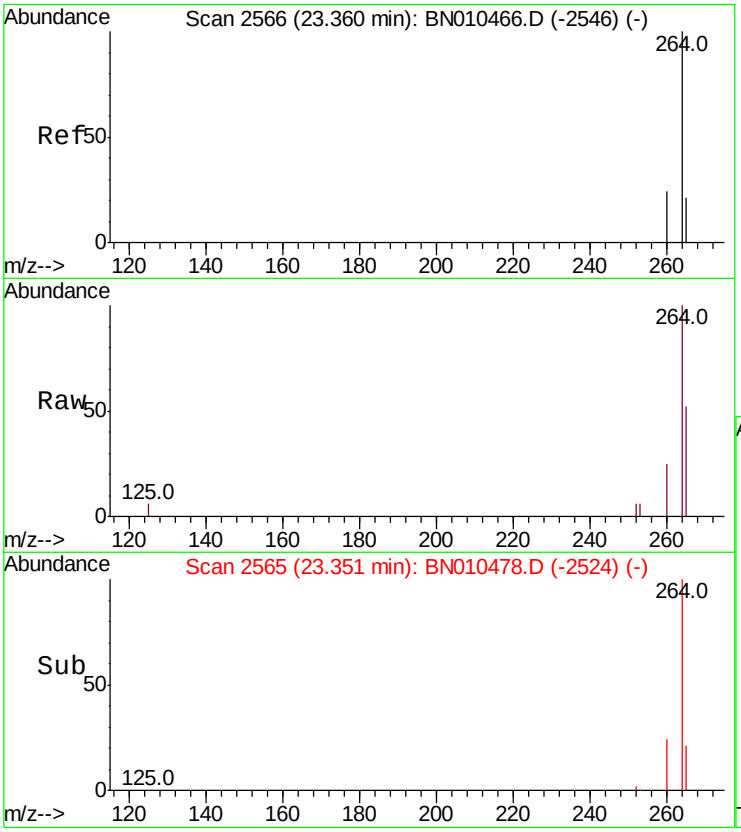


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng
RT: 25.50 min Scan# 3192
Delta R.T. -0.01 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Tgt Ion:276 Resp: 25654

Ion	Ratio	Lower	Upper
276	100		
138	23.1	16.4	24.6
277	25.8	19.8	29.6



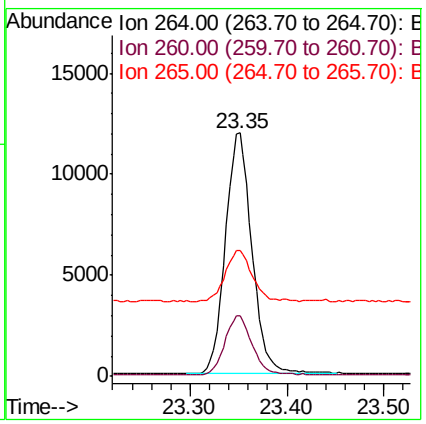


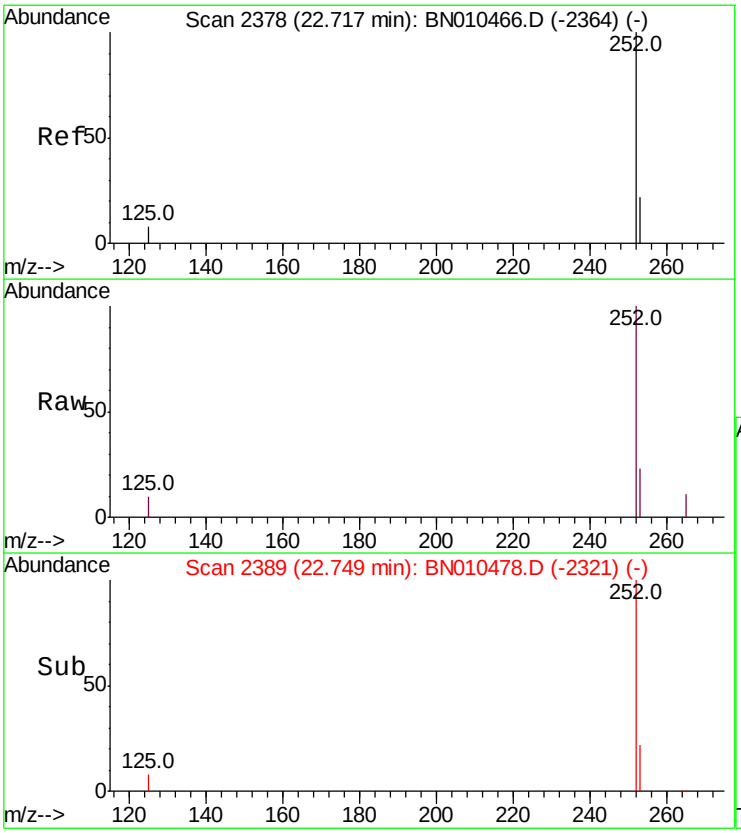
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2565
Delta R.T. -0.01 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Tgt Ion:264 Resp: 22855

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	51.9	42.3	63.5

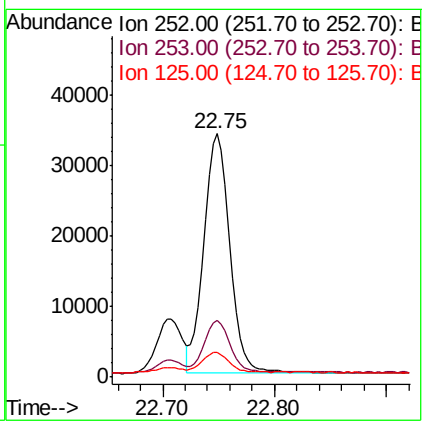


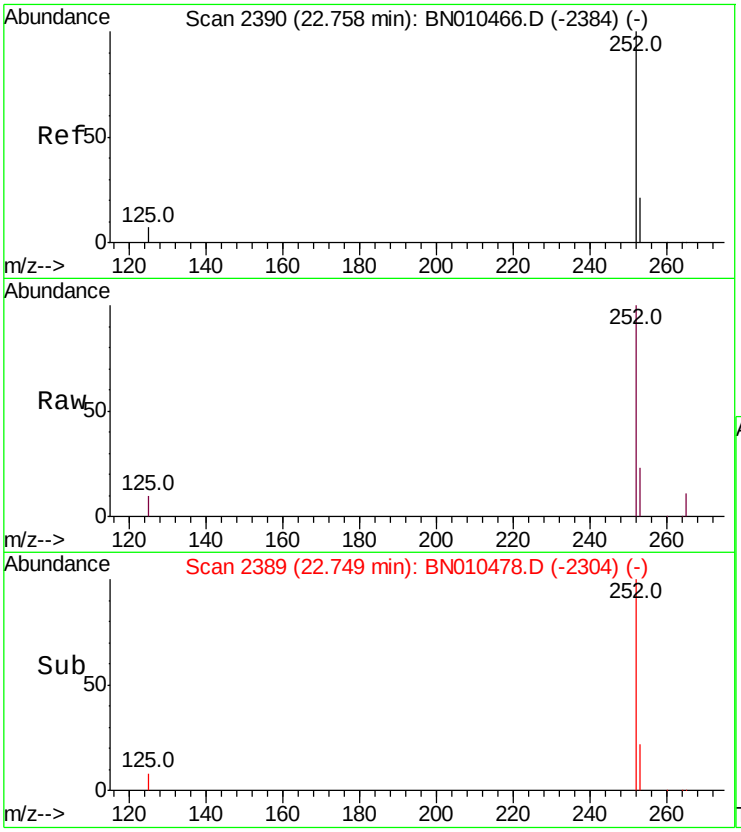


#35
Benzo(b)fluoranthene
Concen: 0.726 ng
RT: 22.75 min Scan# 2389
Delta R.T. 0.03 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Tgt Ion:252 Resp: 54631

Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.2	30.4
125	10.1	9.2	13.8



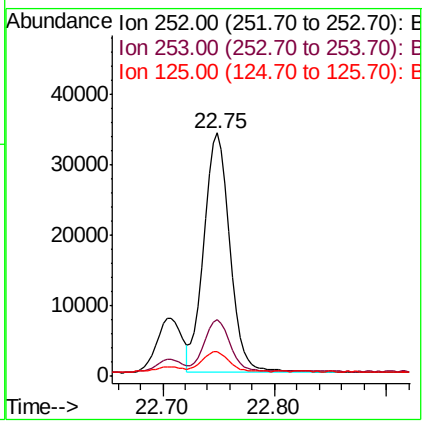


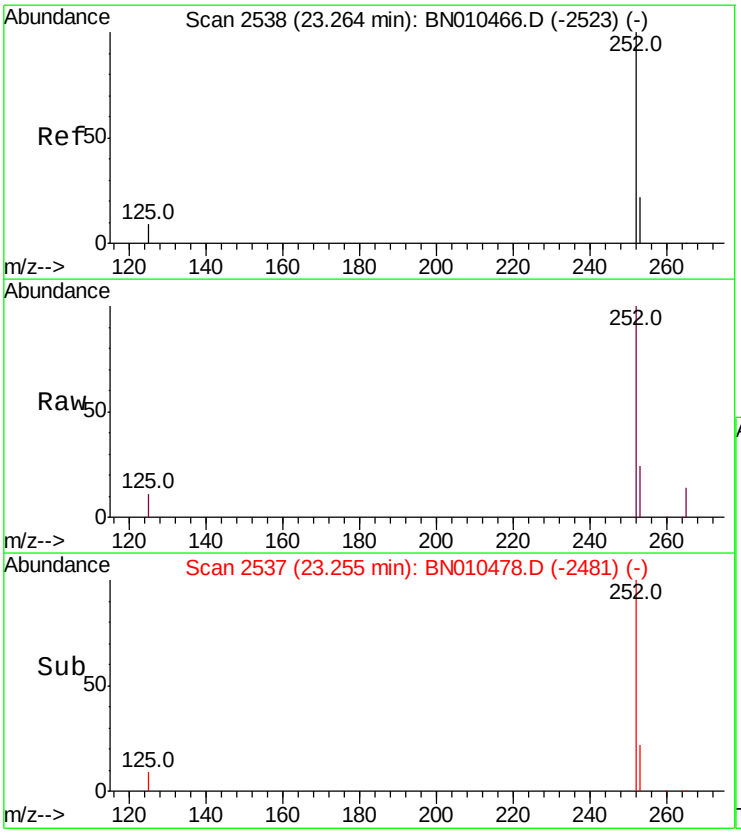
#36
Benzo(k)fluoranthene
Concen: 0.725 ng
RT: 22.75 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Tgt Ion:252 Resp: 54631

Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.1	30.1
125	10.1	9.6	14.4

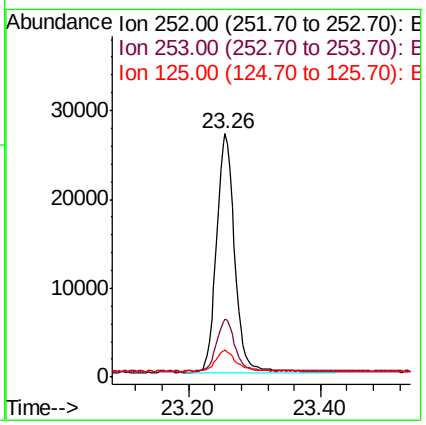


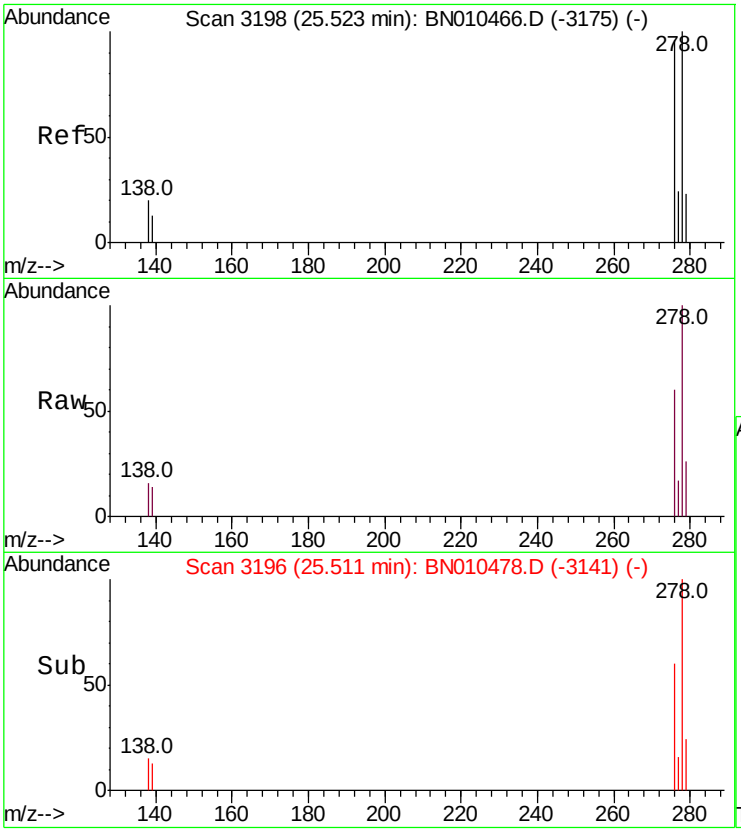


#37
Benzo(a)pyrene
Concen: 0.771 ng
RT: 23.26 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Tgt Ion:252 Resp: 51372

Ion	Ratio	Lower	Upper
252	100		
253	23.8	21.8	32.8
125	11.1	11.0	16.6



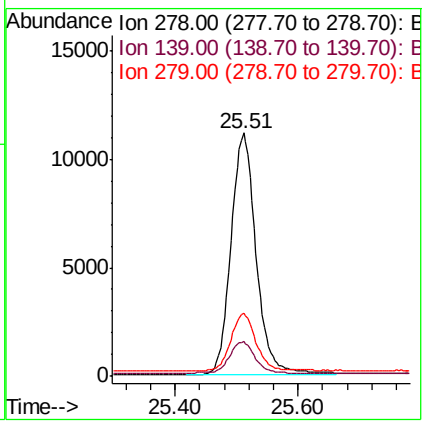


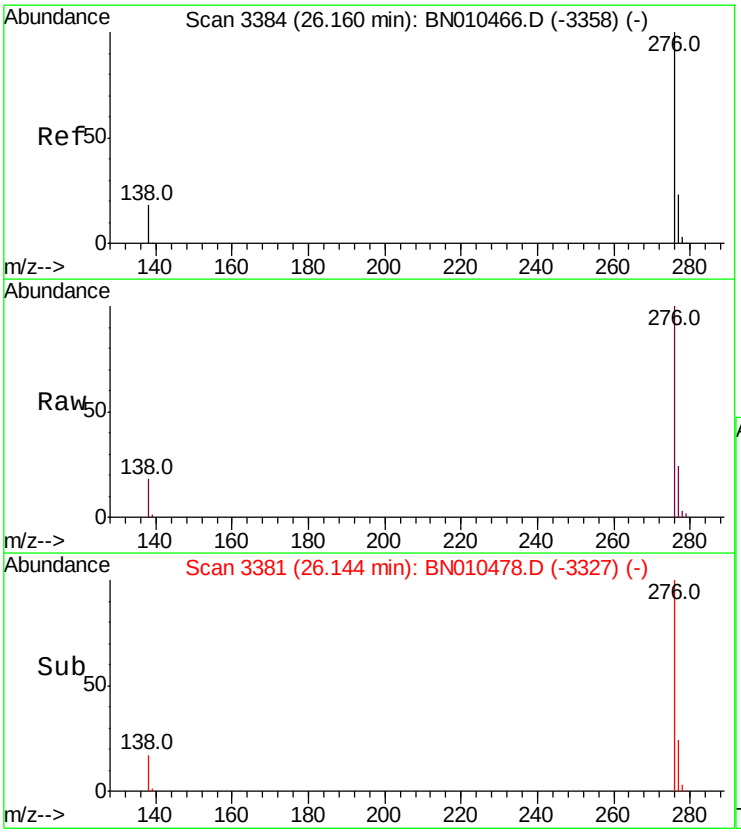
#38
Dibenzo(a,h)anthracene
Concen: 0.519 ng
RT: 25.51 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Tgt Ion:278 Resp: 31595

Ion	Ratio	Lower	Upper
278	100		
139	14.3	12.3	18.5
279	26.0	21.9	32.9





#39
Benzo(g,h,i)perylene
Concen: 0.779 ng
RT: 26.14 min Scan# 3381
Delta R.T. -0.02 min
Lab File: BN010478.D
Acq: 14 Apr 2020 14:55

Tgt Ion:276 Resp: 47761

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.2	30.2
138	18.1	15.4	23.2