Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BNCCC661.D
Acq On : 14 Sep 2019 12:45
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 16 01:39:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9433	0.40	ng		0.00
7) Naphthalene-d8	10.48	136	36560	0.40	ng		-0.01
13) Acenaphthene-d10	14.34	164	20308	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	41742	0.40	ng		-0.01
27) Chrysene-d12	21.27	240	41191	0.40	ng		-0.01
34) Perylene-d12	23.49	264	41850	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	10382	0.34	ng		0.00
5) Phenol-d6	6.89	99	13548	0.37	ng		0.00
8) Nitrobenzene-d5	8.85	82	11510	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	12.07	152	25738	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	2442	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.95	172	36360	0.41	ng		-0.01
25) Fluoranthene-d10	19.11	212	53253	0.40	ng		-0.01
29) Terphenyl-d14	19.71	244	45464	0.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	4567	0.404	ng		96
3) n-Nitrosodimethylamine	3.03	42	2894	0.564	ng	#	1
6) bis(2-Chloroethyl)ether	7.15	93	10428	0.377	ng		97
9) Naphthalene	10.53	128	44785	0.428	ng		100
10) Hexachlorobutadiene	10.84	225	8741	0.414	ng	#	99
12) 2-Methylnaphthalene	12.15	142	29718	0.422	ng		99
16) Acenaphthylene	14.05	152	38453	0.364	ng		100
17) Acenaphthene	14.39	154	27118	0.394	ng		100
18) Fluorene	15.38	166	34054	0.392	ng		100
20) 4-Bromophenyl-phenylether	16.27	248	10786	0.418	ng		94
21) Hexachlorobenzene	16.39	284	11599	0.420	ng		98
22) Pentachlorophenol	16.73	266	2434	0.340	ng		98
23) Phenanthrene	17.11	178	56078	0.426	ng		100
24) Anthracene	17.21	178	46561	0.399	ng		100
26) Fluoranthene	19.14	202	63507	0.413	ng		100
28) Pyrene	19.50	202	62916	0.420	ng		100
30) Benzo(a)anthracene	21.25	228	57224	0.392	ng		99
31) Chrysene	21.30	228	64035	0.421	ng		99
32) Bis(2-ethylhexyl)phthalate	21.21	149	15973	0.323	ng		99
33) Indeno(1,2,3-cd)pyrene	25.70	276	74555	0.459	ng		99
35) Benzo(b)fluoranthene	22.83	252	61459	0.404	ng		98
36) Benzo(k)fluoranthene	22.87	252	67235	0.432	ng		98
37) Benzo(a)pyrene	23.39	252	54029	0.401	ng		98
38) Dibenzo(a,h)anthracene	25.72	278	60385	0.428	ng		99
39) Benzo(g,h,i)perylene	26.38	276	57916	0.414	ng		99

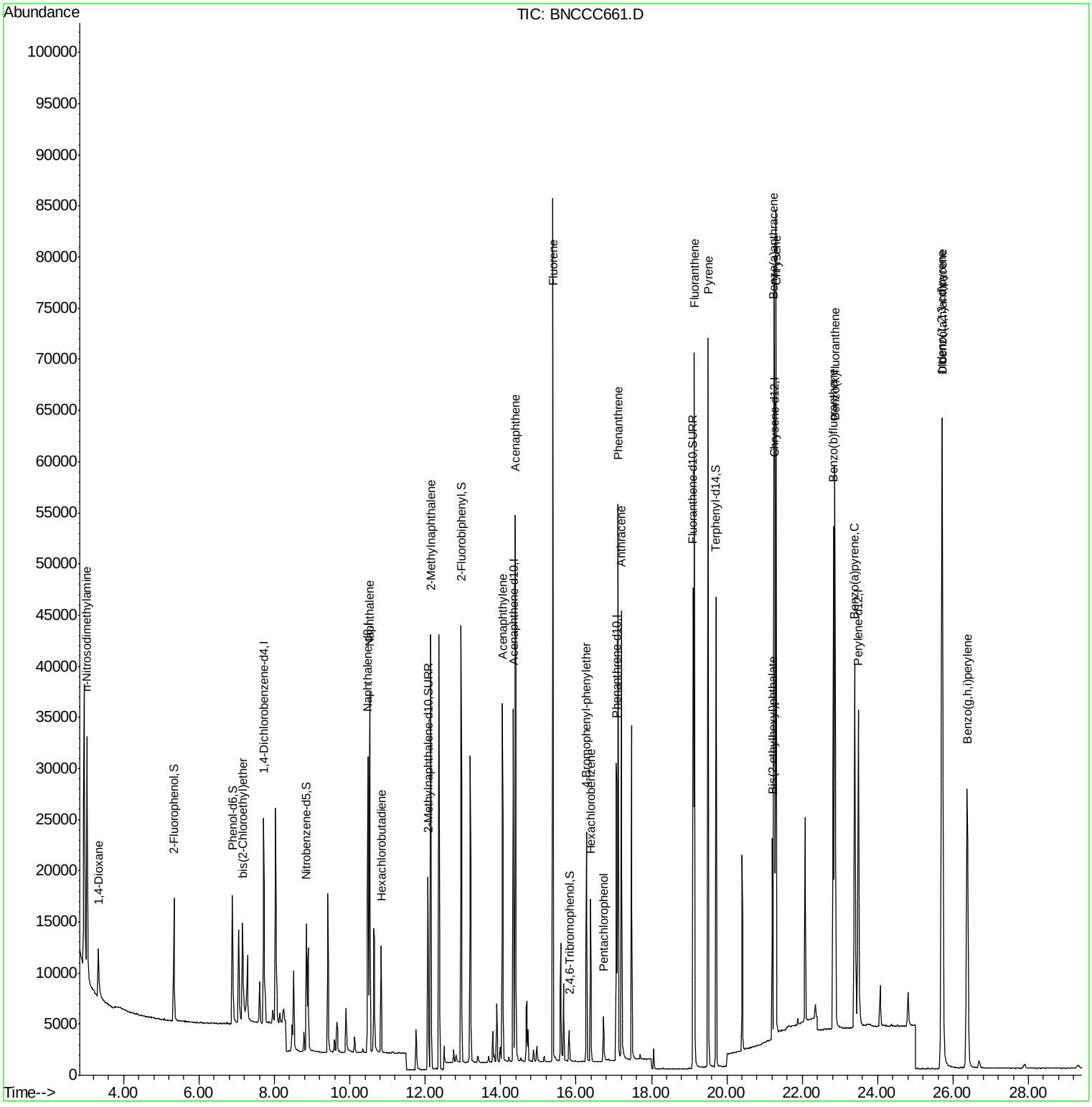
(#) = qualifier out of range (m) = manual integration (+) = signals summed

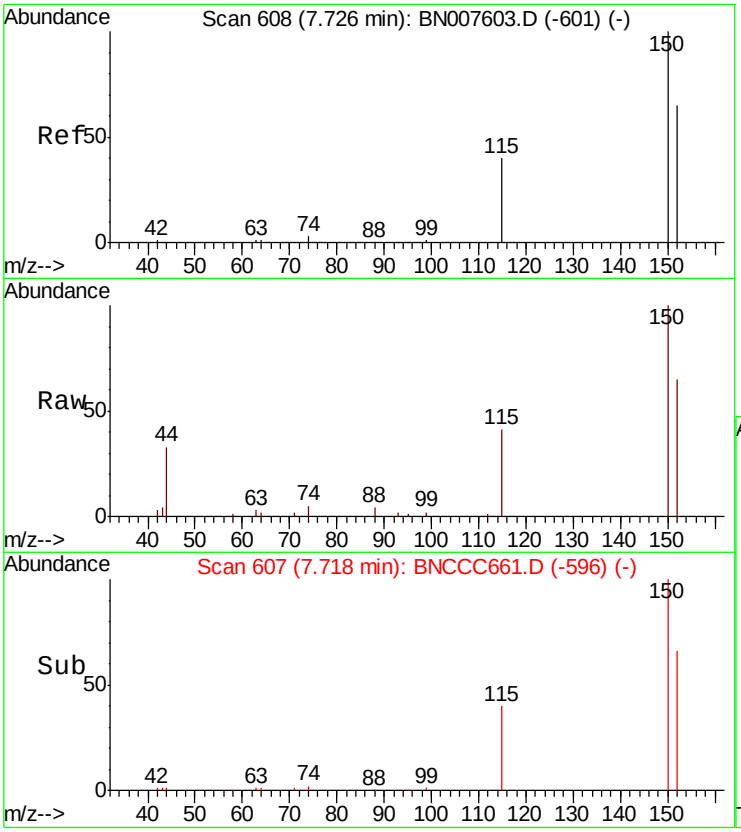
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BNCCC661.D
Acq On : 14 Sep 2019 12:45
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 16 01:39:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration



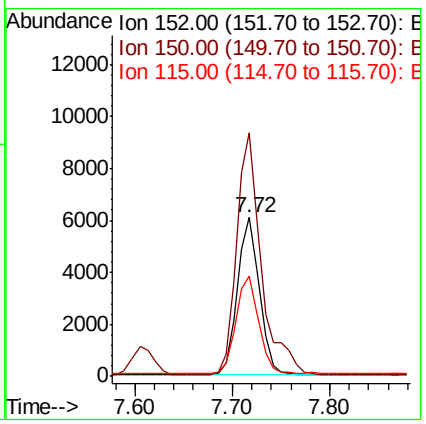


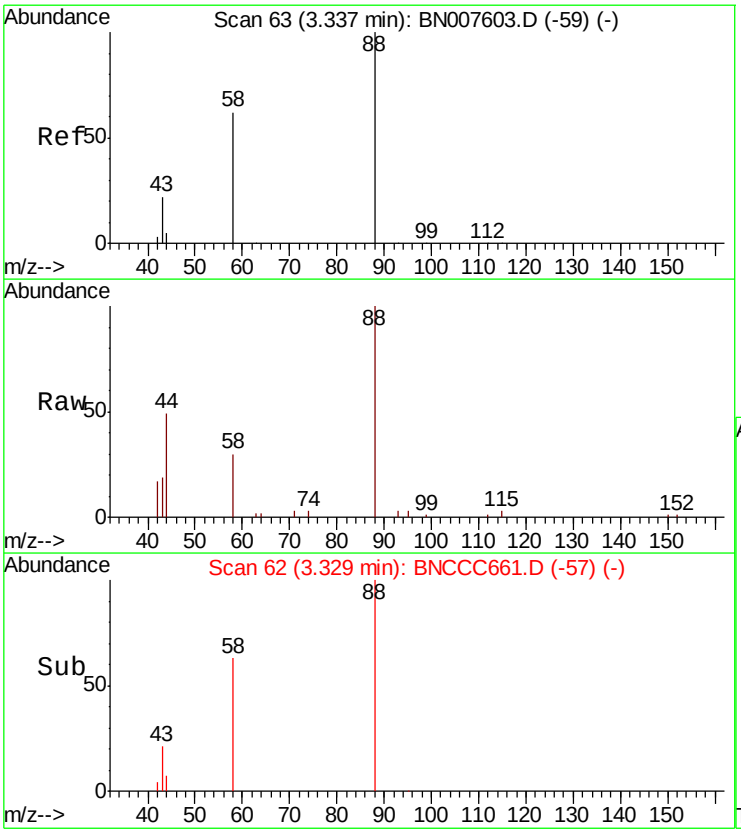
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9433

Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.4	183.6
115	62.7	50.4	75.6

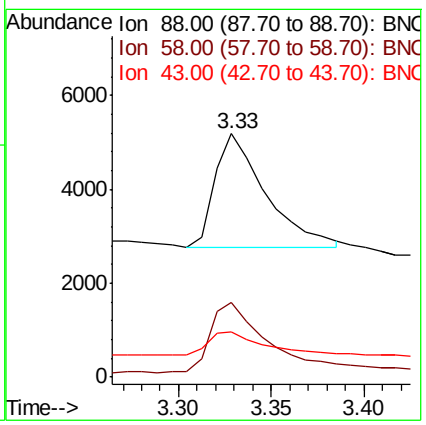


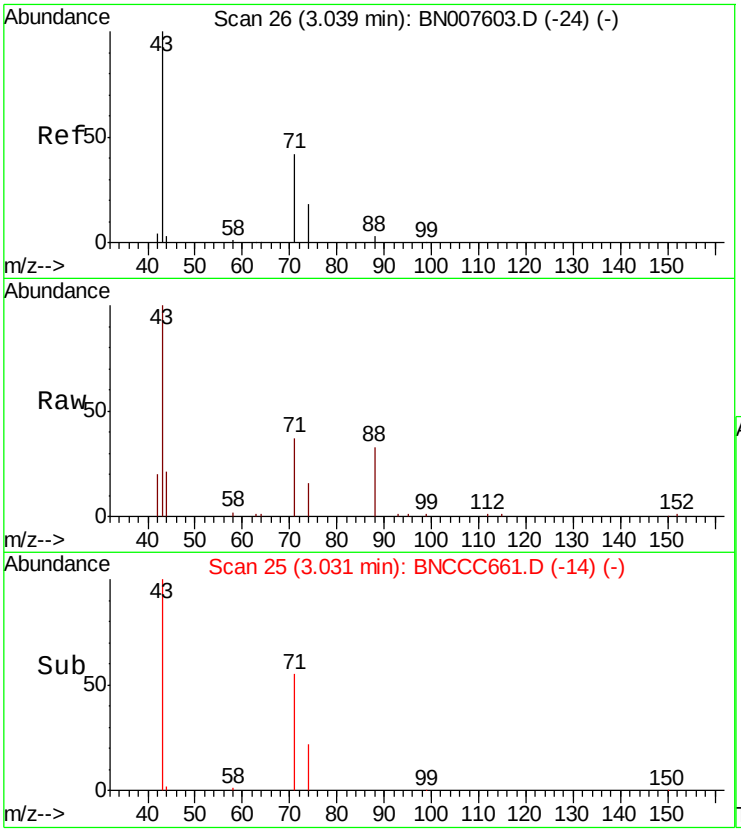


#2
1,4-Dioxane
Concen: 0.404 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Tgt Ion: 88 Resp: 4567

Ion	Ratio	Lower	Upper
88	100		
58	67.9	57.0	85.4
43	22.5	20.0	30.0



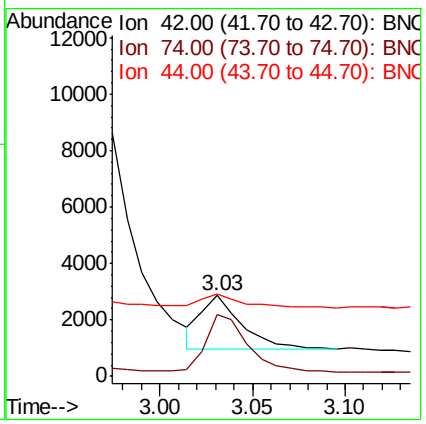


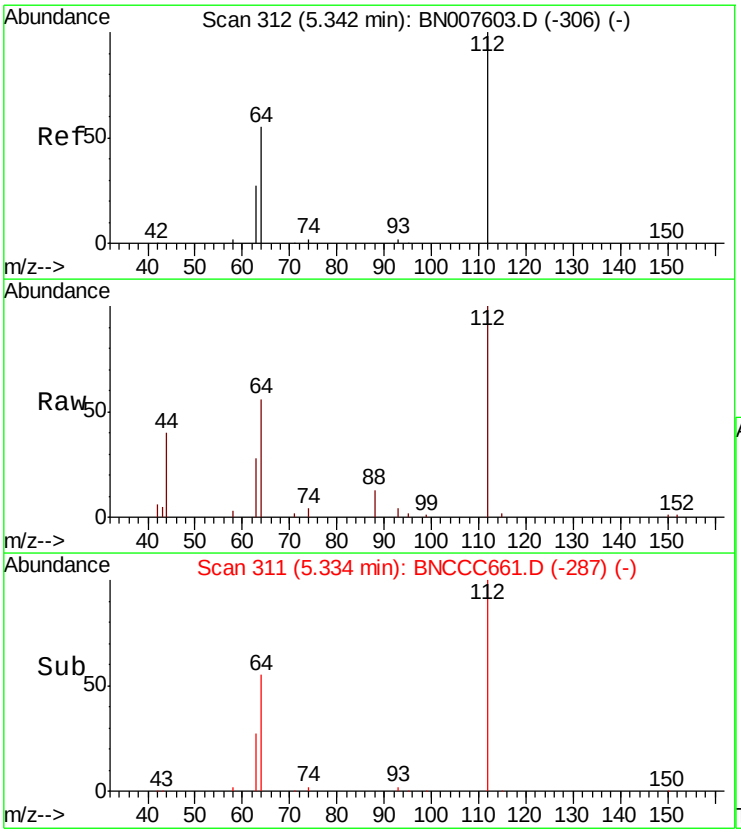
#3
n-Nitrosodimethylamine
Concen: 0.564 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2894

Ion	Ratio	Lower	Upper
42	100		
74	108.0	9.8	14.8#
44	25.6	0.0	0.0#

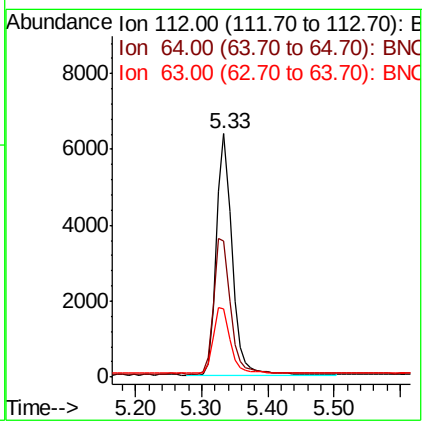


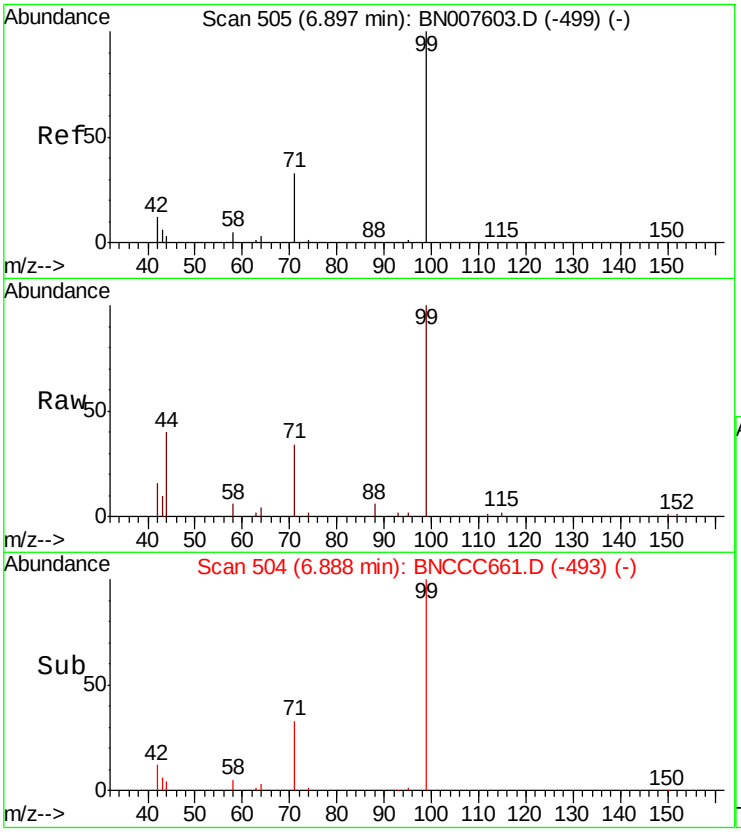


#4
2-Fluorophenol
Concen: 0.344 ng
RT: 5.33 min Scan# 311
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Tgt Ion:112 Resp: 10382

Ion	Ratio	Lower	Upper
112	100		
64	60.2	48.5	72.7
63	30.2	24.4	36.6



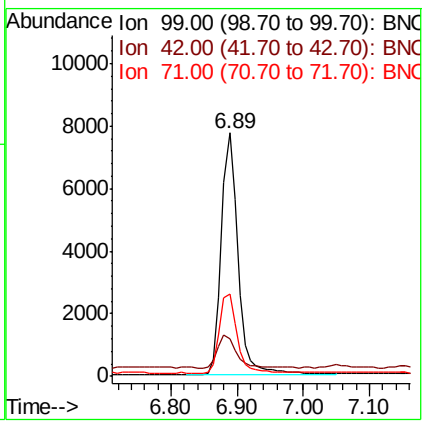


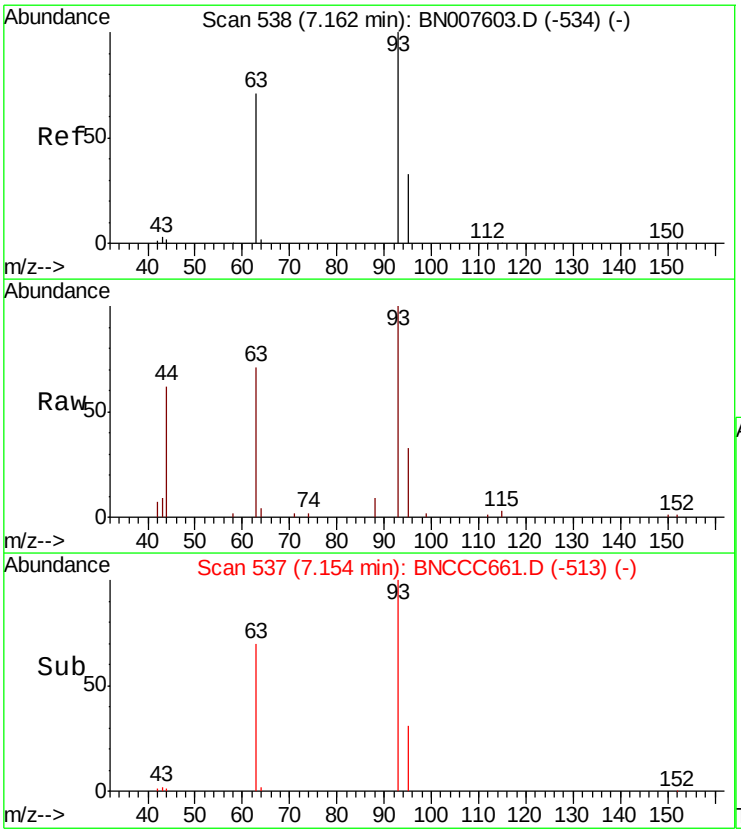
#5
Phenol-d6
Concen: 0.368 ng
RT: 6.89 min Scan# 504
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 13548

Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.8	17.6
71	34.3	28.0	42.0

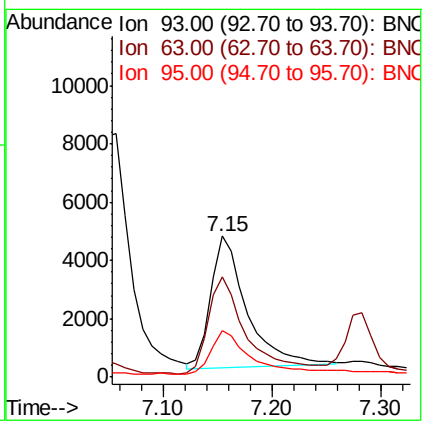


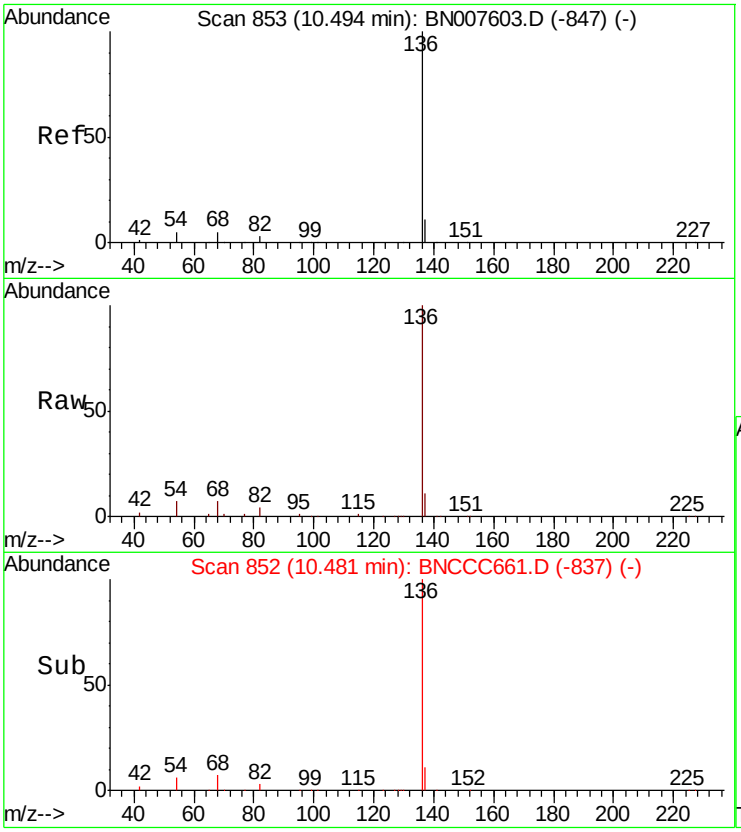


#6
bis(2-Chloroethyl)ether
Concen: 0.377 ng
RT: 7.15 min Scan# 537
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Tgt Ion: 93 Resp: 10428

Ion	Ratio	Lower	Upper
93	100		
63	77.5	61.2	91.8
95	38.1	27.2	40.8



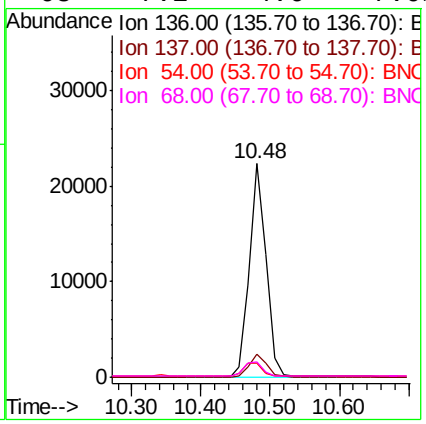


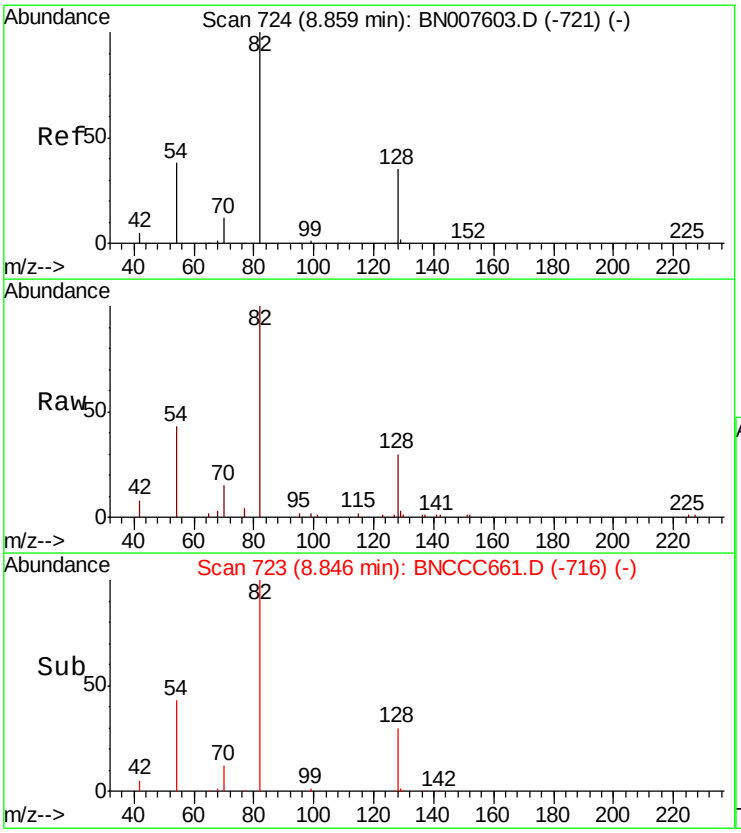
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 852
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 36560

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.5	4.2	6.4#
68	7.2	4.6	7.0#

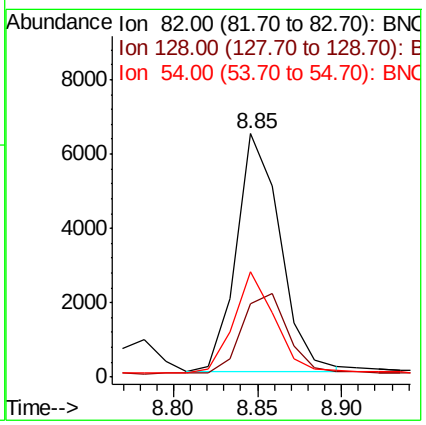


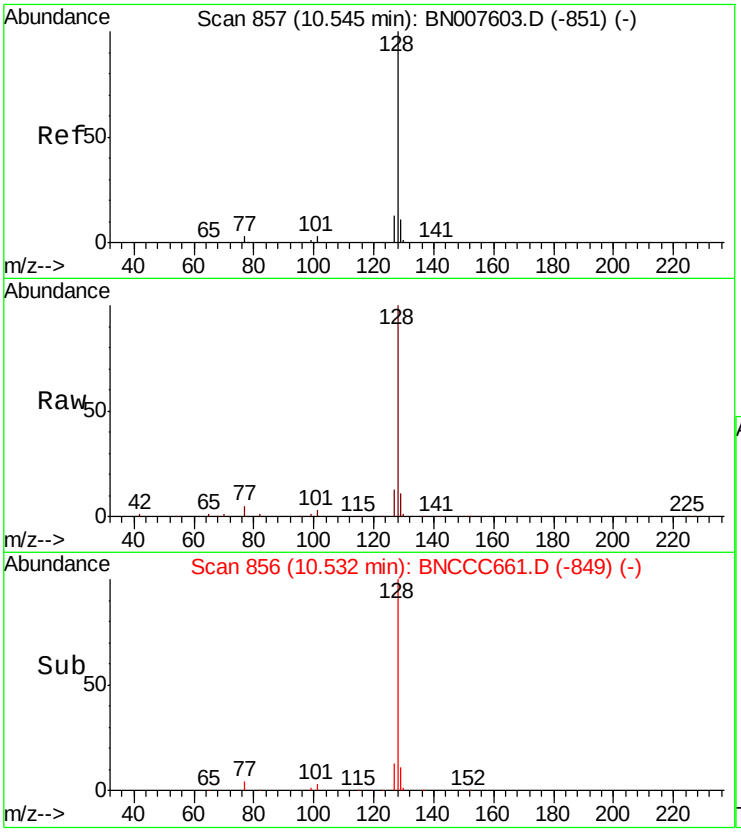


#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 8.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Tgt Ion: 82 Resp: 11510

Ion	Ratio	Lower	Upper
82	100		
128	30.4	27.9	41.9
54	43.5	30.9	46.3



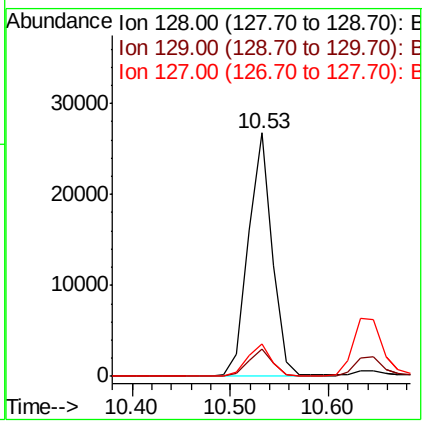


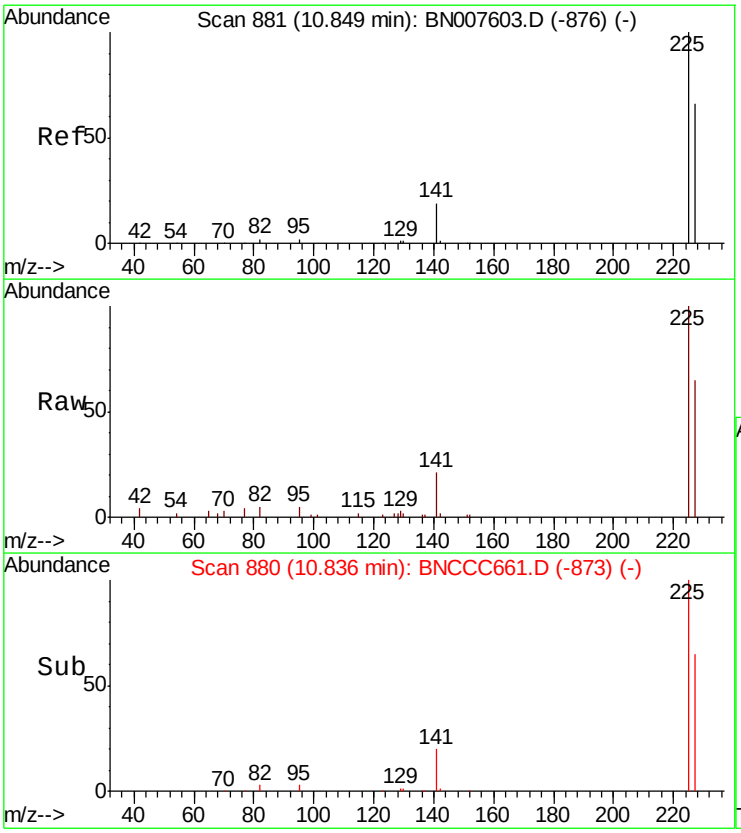
#9
Naphthalene
Concen: 0.428 ng
RT: 10.53 min Scan# 856
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 44785

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.2	10.4	15.6

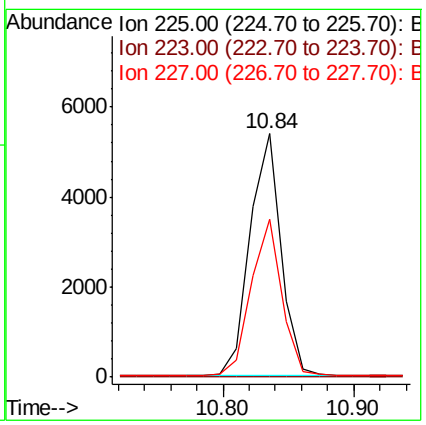


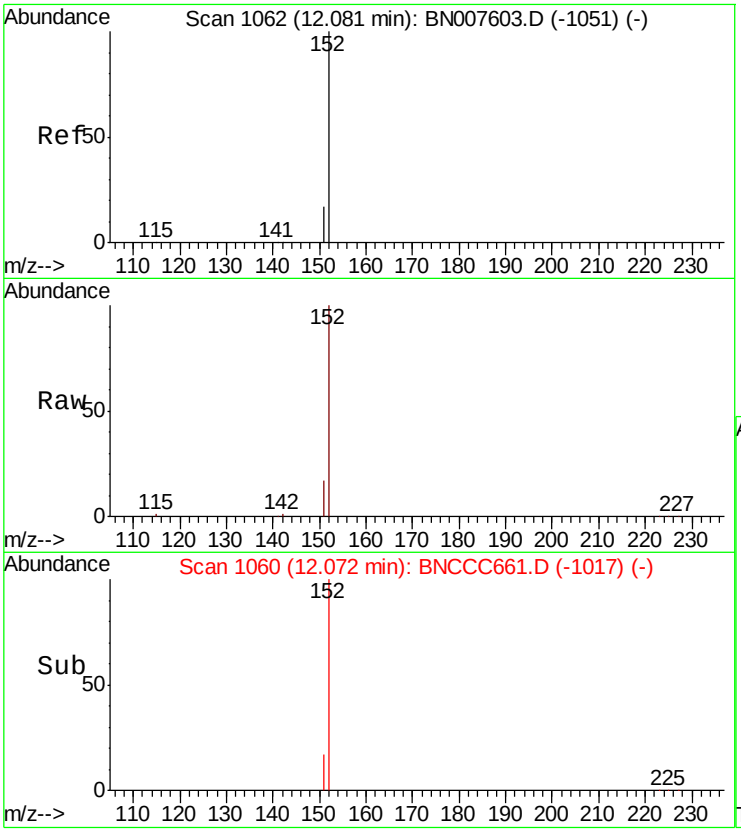


#10
Hexachlorobutadiene
Concen: 0.414 ng
RT: 10.84 min Scan# 880
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Tgt Ion:225 Resp: 8741

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.3	76.9



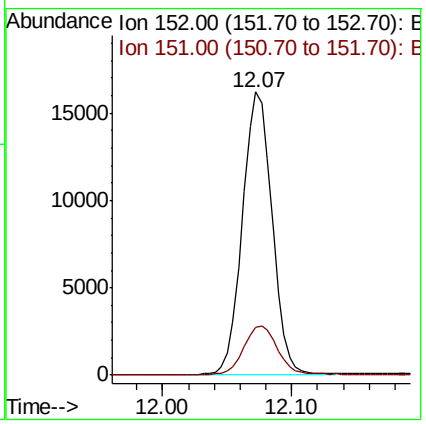


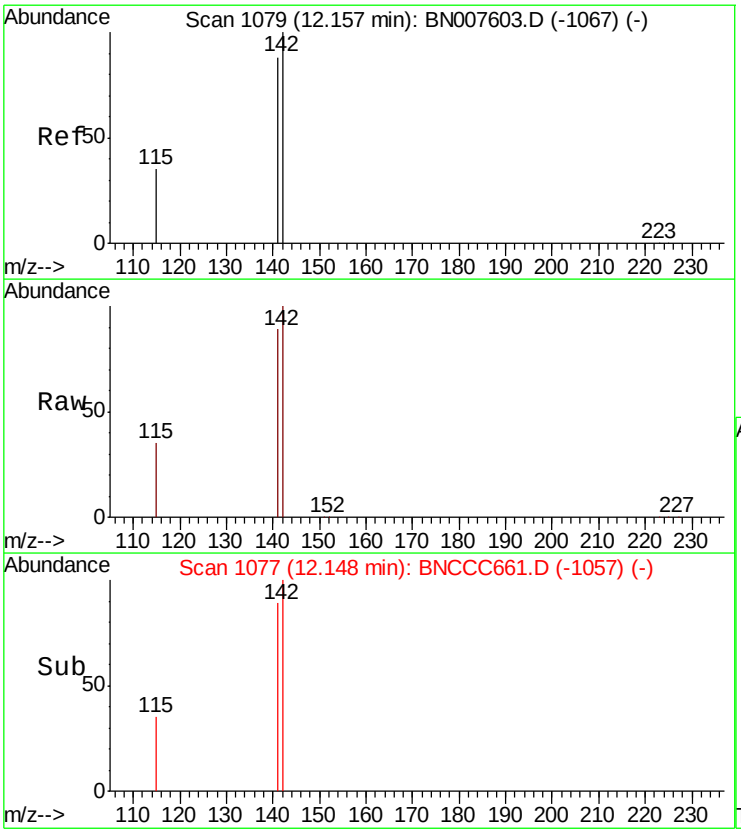
#11
2-Methylnaphthalene-d10
Concen: 0.416 ng
RT: 12.07 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 25738

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9

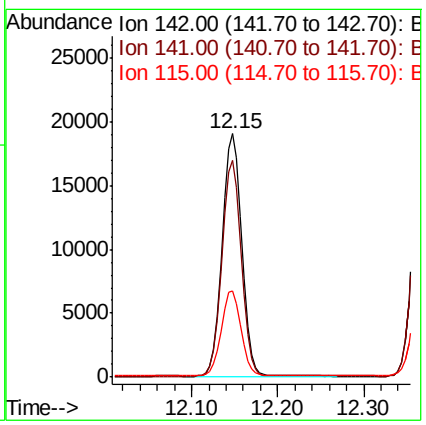


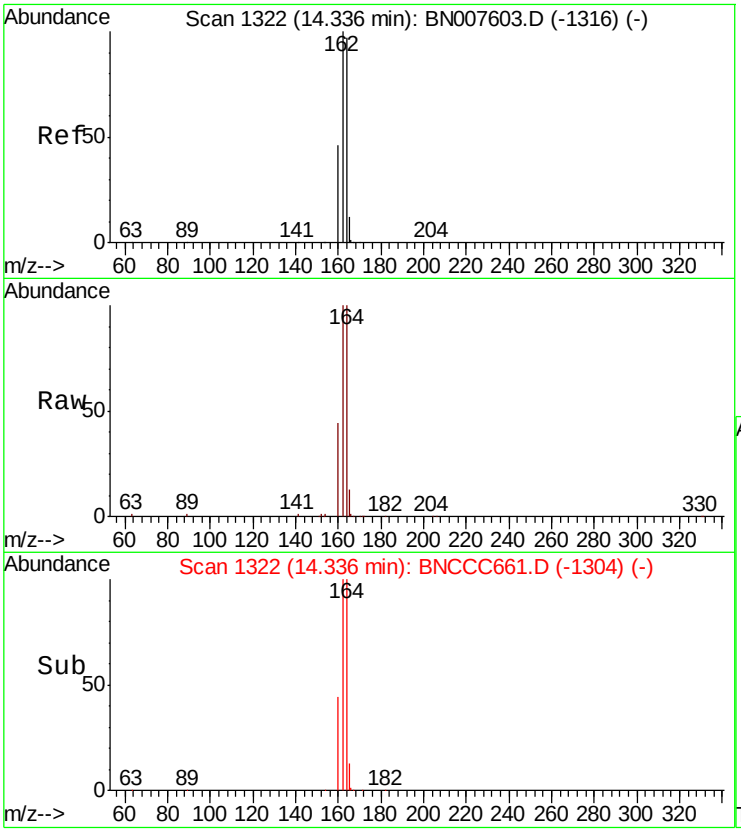


#12
2-Methylnaphthalene
Concen: 0.422 ng
RT: 12.15 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Tgt Ion:142 Resp: 29718

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.5	105.7
115	35.1	28.4	42.6



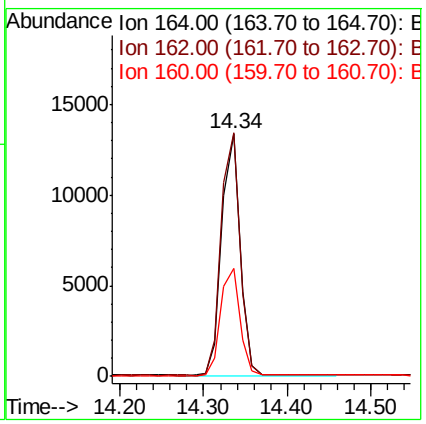


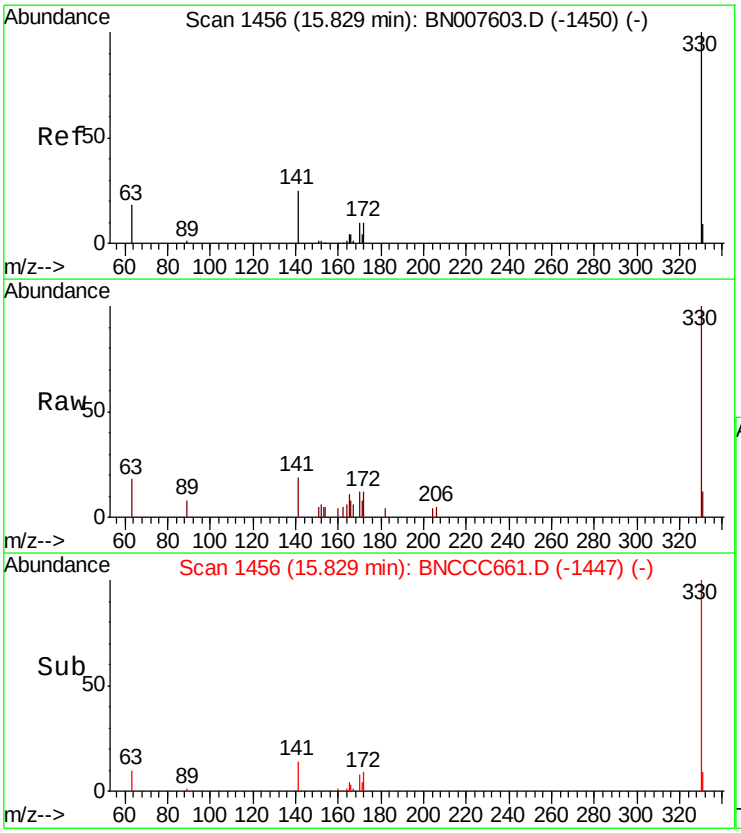
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 20308

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.8	124.2
160	44.5	38.0	57.0

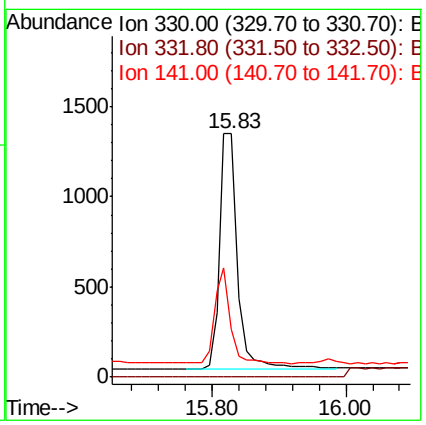


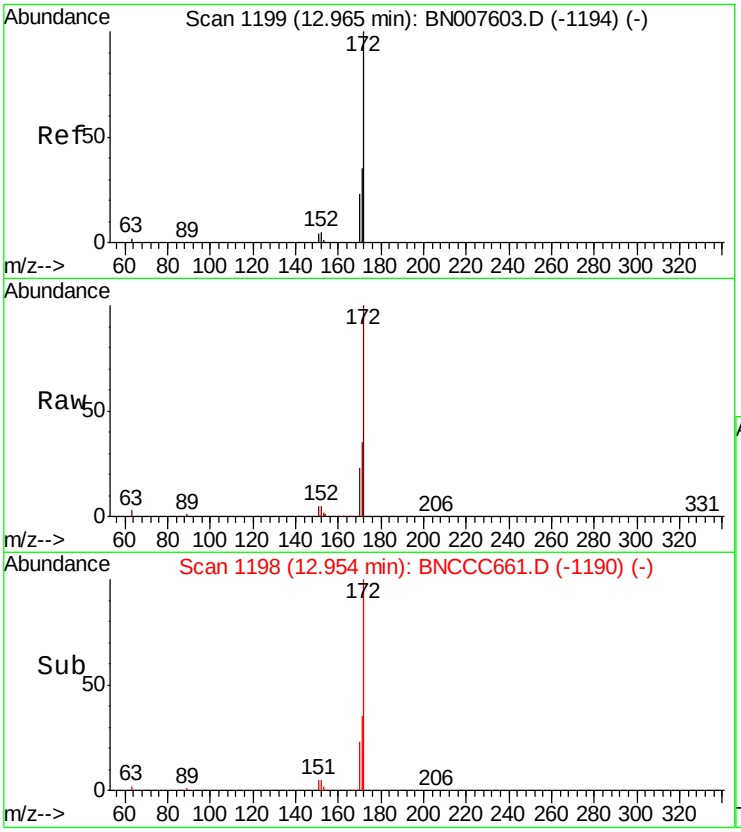


#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Tgt Ion:330 Resp: 2442

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.1	30.1	45.1



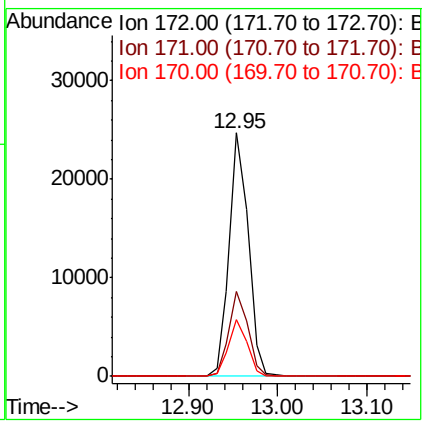


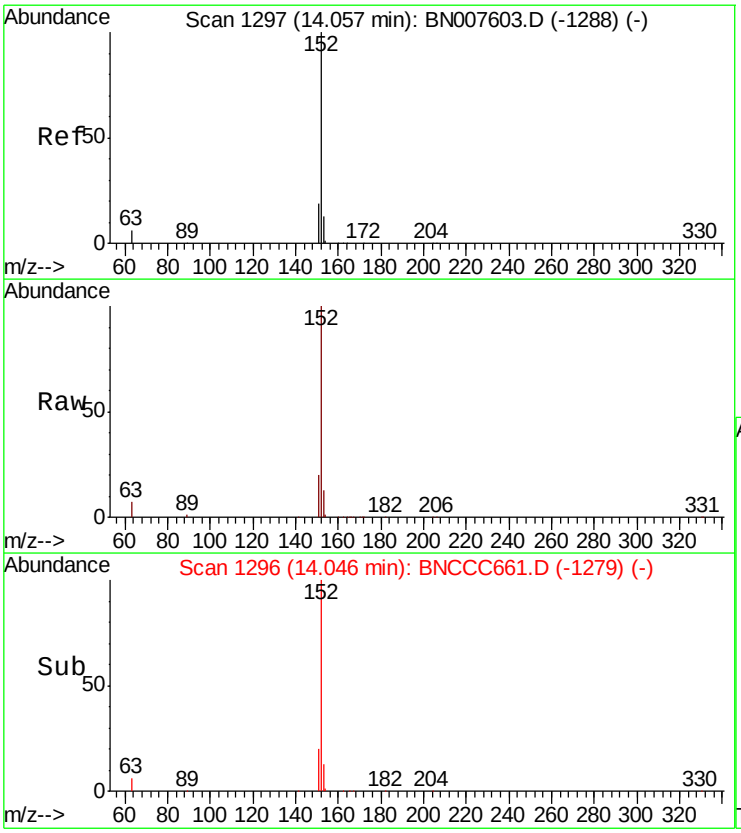
#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.95 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 36360

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.2	18.5	27.7

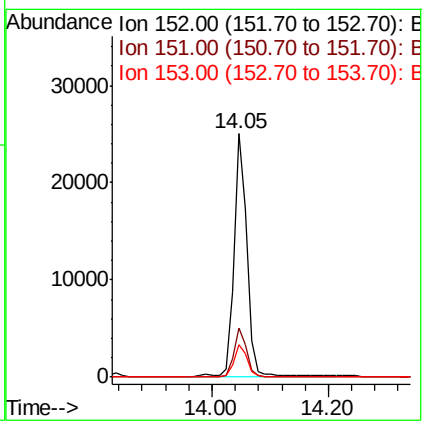


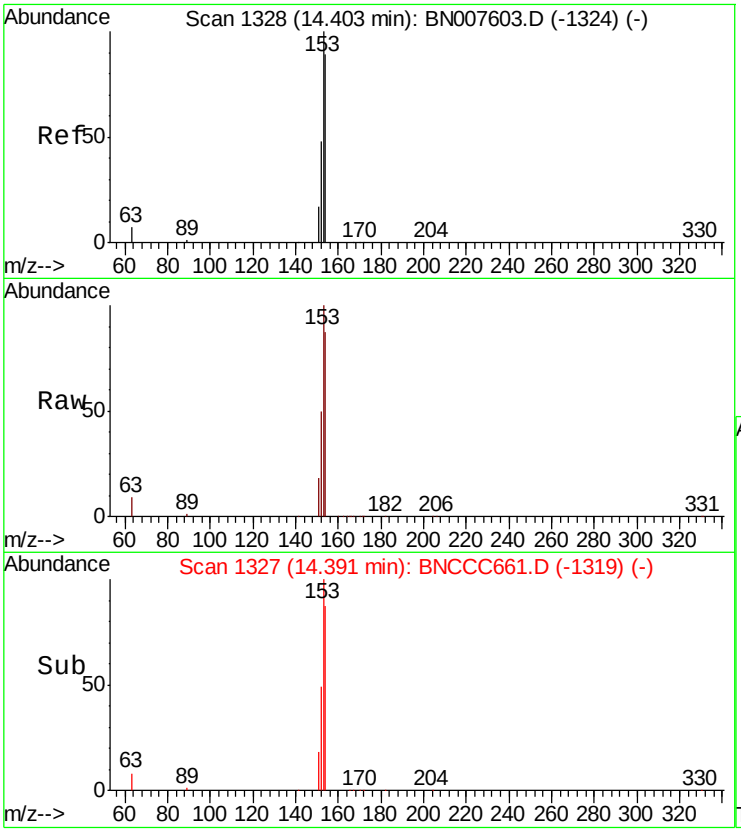


#16
Acenaphthylene
Concen: 0.364 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Tgt Ion:152 Resp: 38453

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.1	10.4	15.6



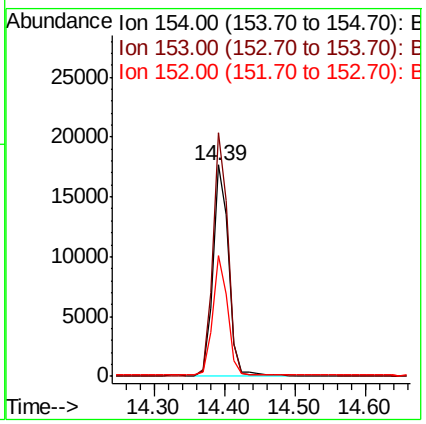


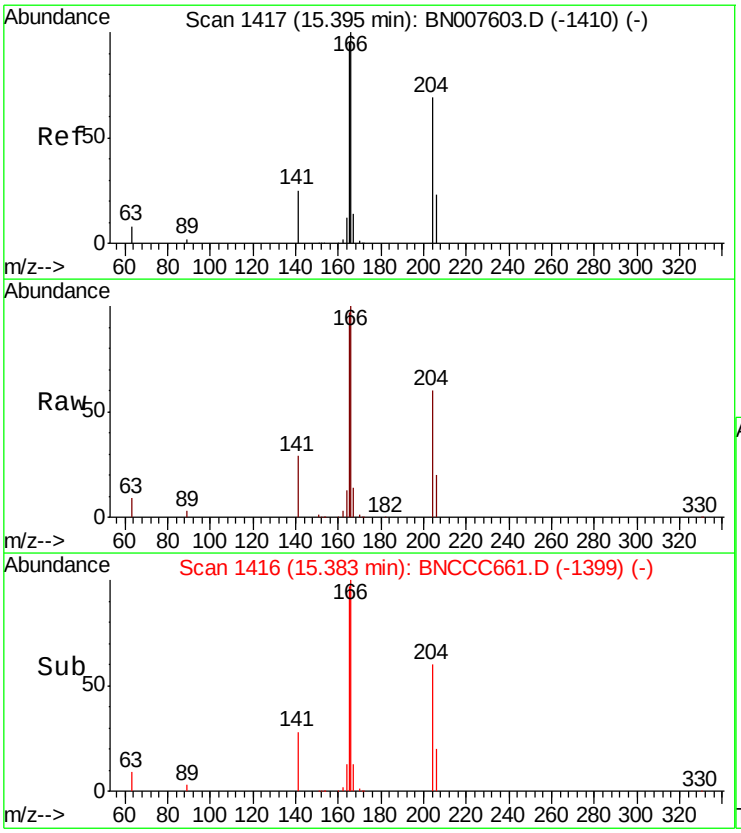
#17
Acenaphthene
Concen: 0.394 ng
RT: 14.39 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 27118

Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.8	134.8
152	55.1	43.8	65.8

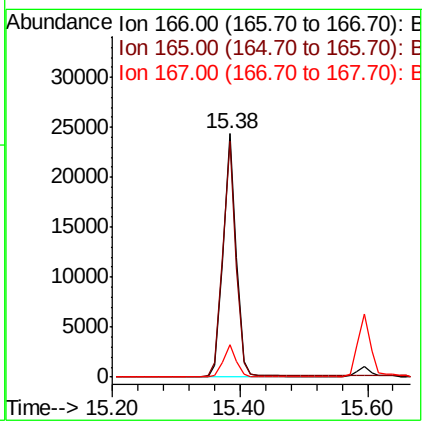


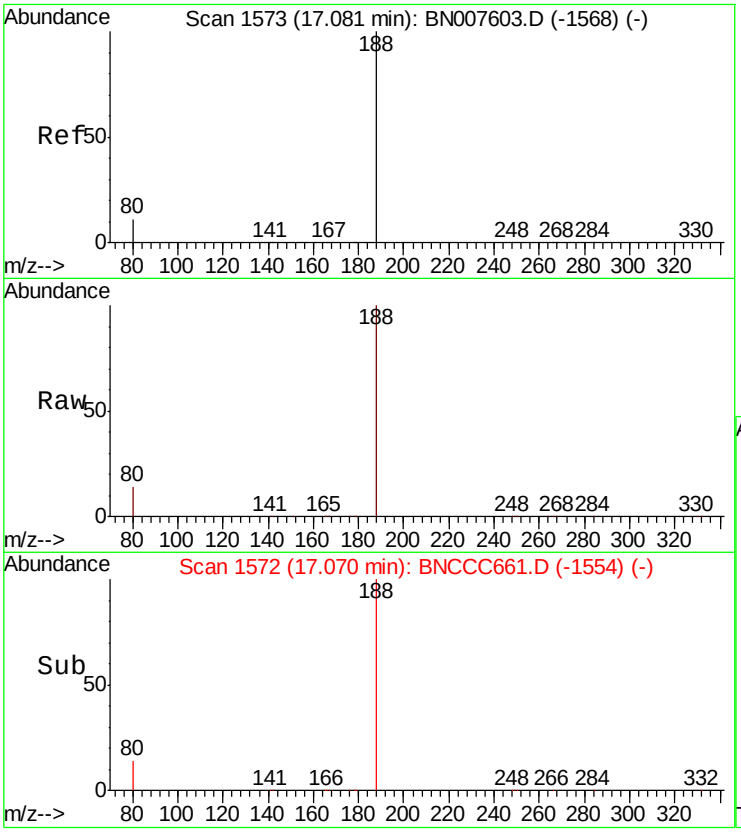


#18
Fluorene
Concen: 0.392 ng
RT: 15.38 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Tgt Ion:166 Resp: 34054

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.6
167	13.2	10.8	16.2



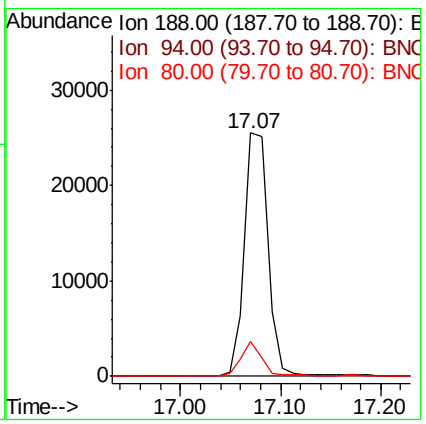


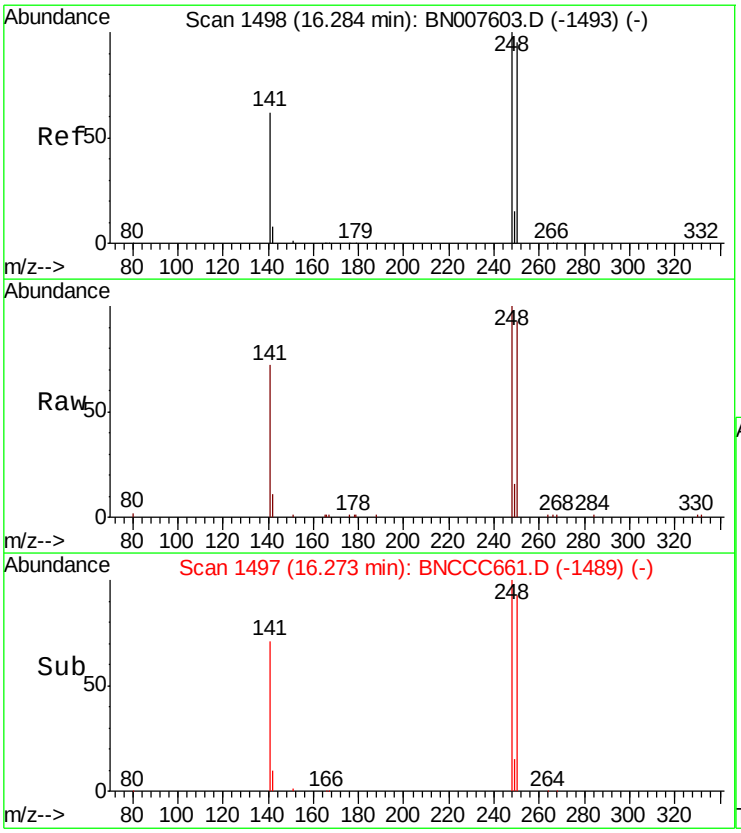
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 41742

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.2	8.8	13.2#

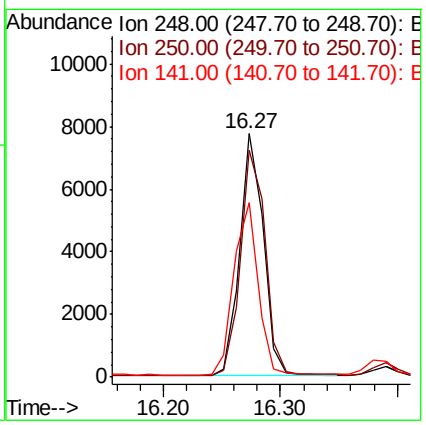


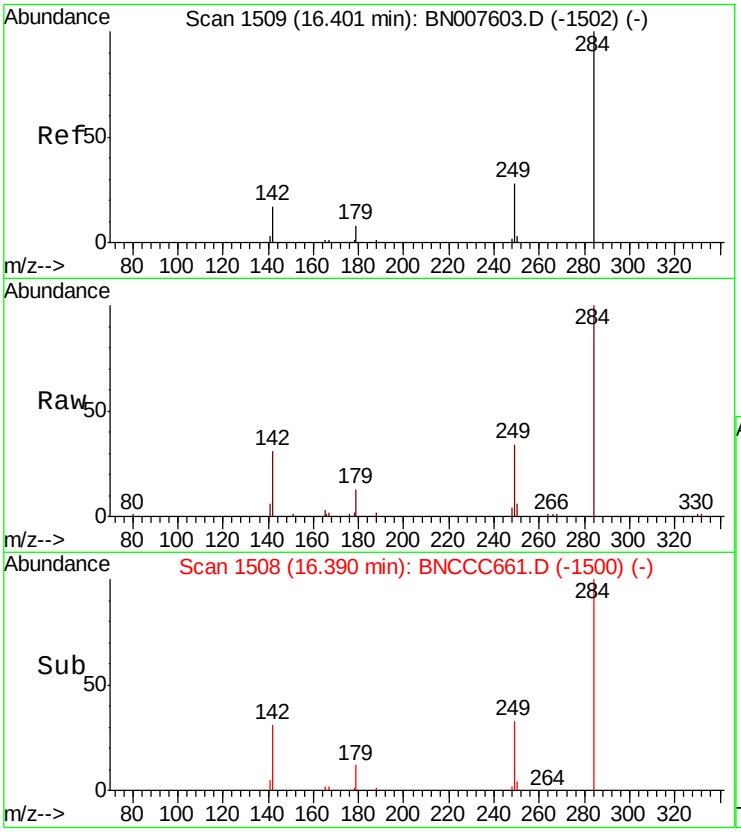


#20
4-Bromophenyl-phenylether
Concen: 0.418 ng
RT: 16.27 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Tgt Ion:248 Resp: 10786

Ion	Ratio	Lower	Upper
248	100		
250	93.4	76.3	114.5
141	71.6	49.7	74.5



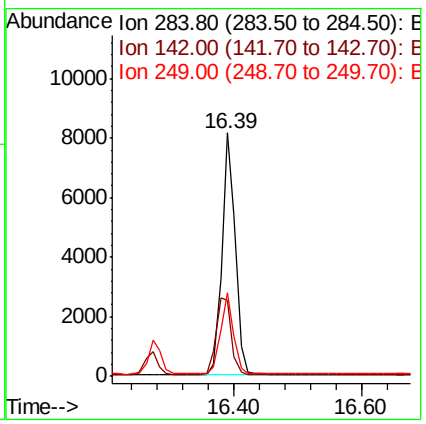


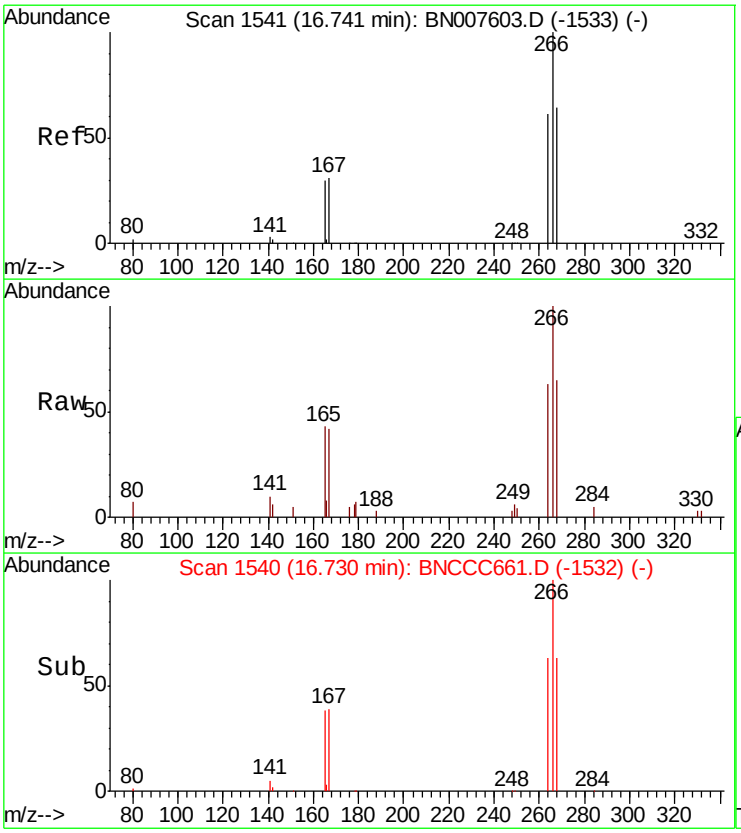
#21
Hexachlorobenzene
Concen: 0.420 ng
RT: 16.39 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 11599

Ion	Ratio	Lower	Upper
284	100		
142	36.1	27.8	41.6
249	32.4	25.5	38.3

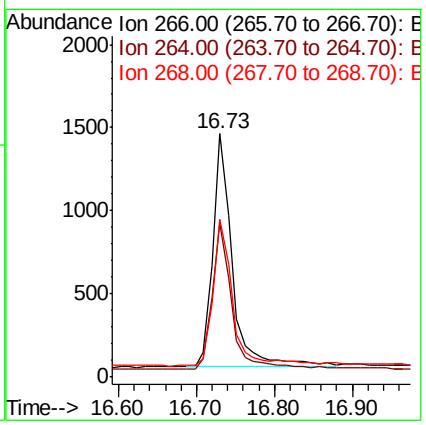


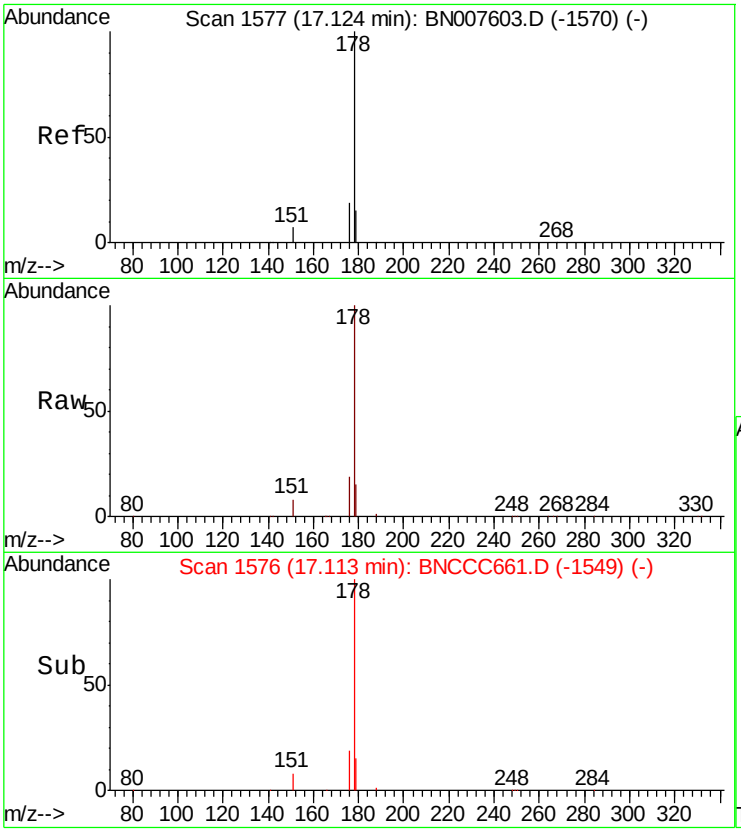


#22
Pentachlorophenol
Concen: 0.340 ng
RT: 16.73 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Tgt Ion:266 Resp: 2434

Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.4	74.0
268	64.8	53.0	79.6



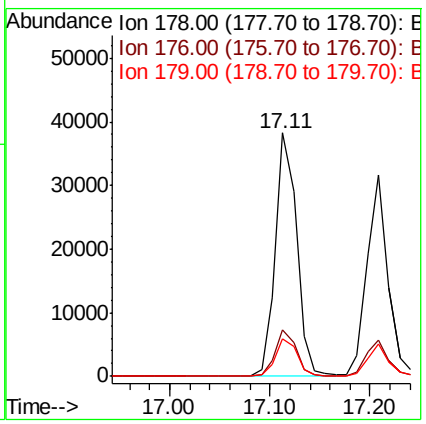


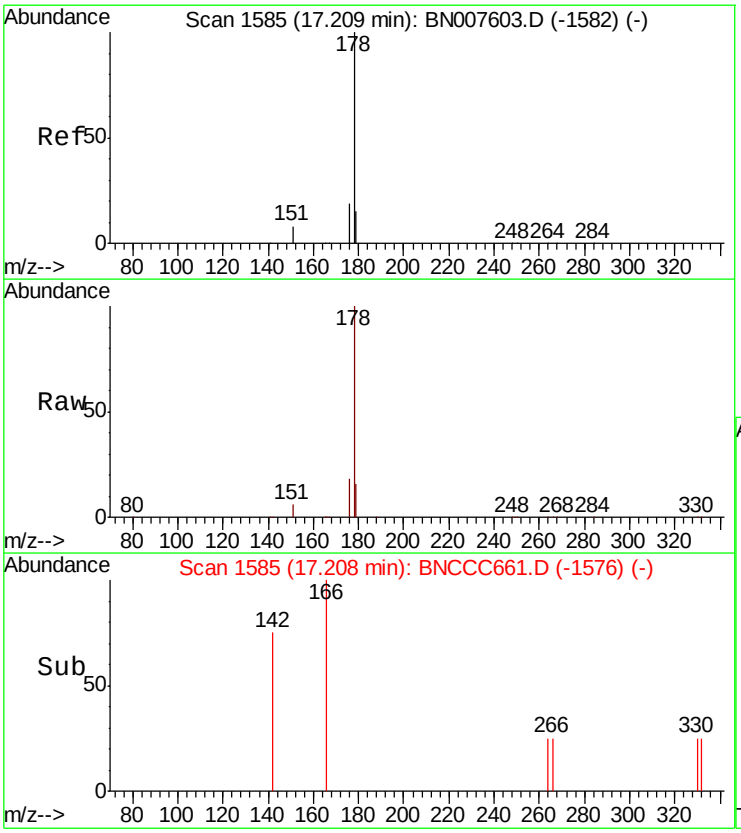
#23
Phenanthrene
Concen: 0.426 ng
RT: 17.11 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 56078

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.3	12.4	18.6

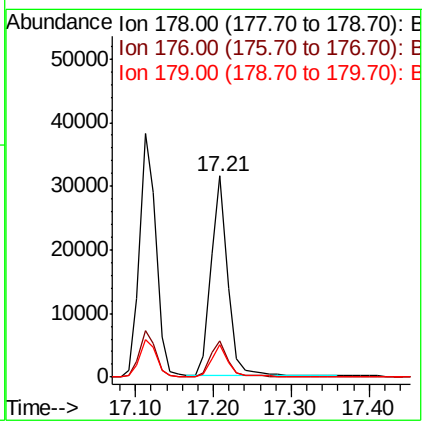


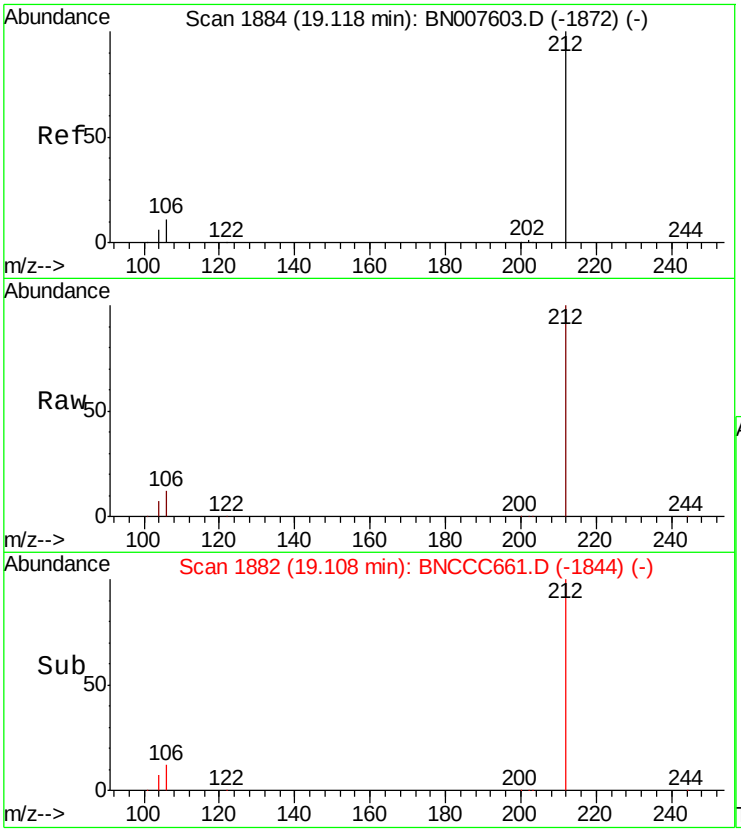


#24
Anthracene
Concen: 0.399 ng
RT: 17.21 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Tgt Ion:178 Resp: 46561

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.3	12.4	18.6



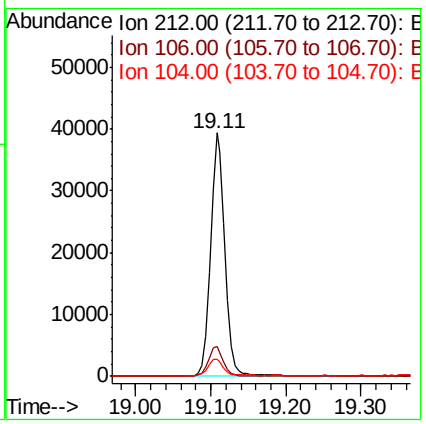


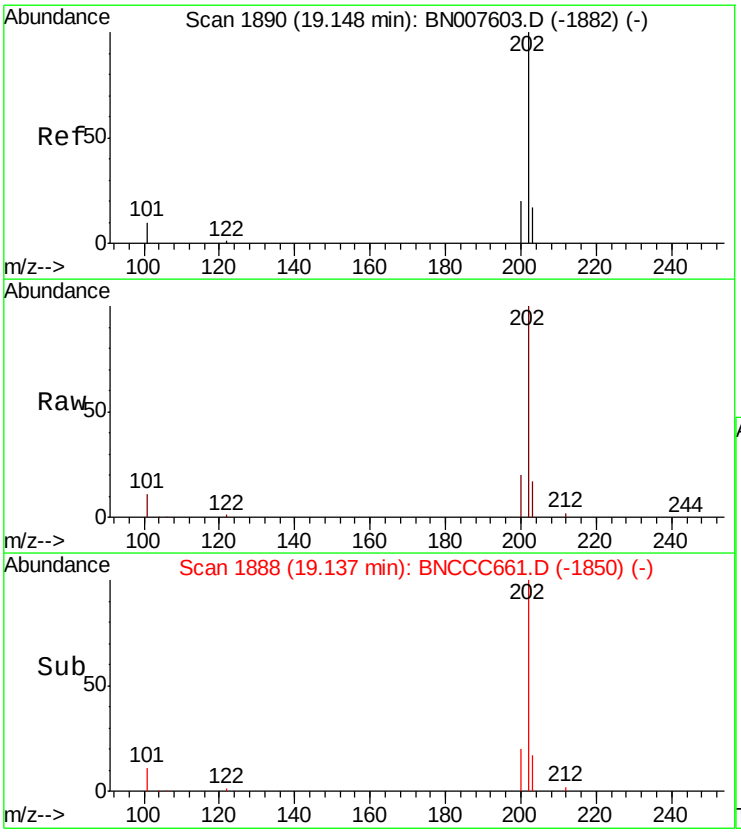
#25
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.11 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 53253

Ion	Ratio	Lower	Upper
212	100		
106	12.3	9.6	14.4
104	7.0	5.4	8.0

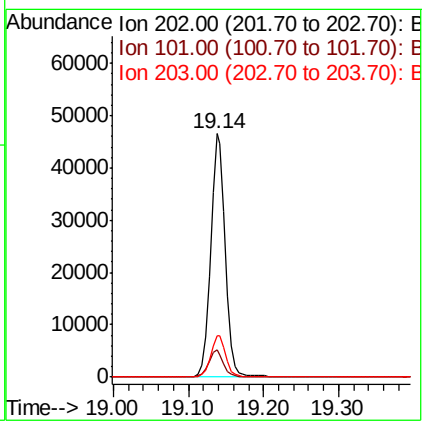


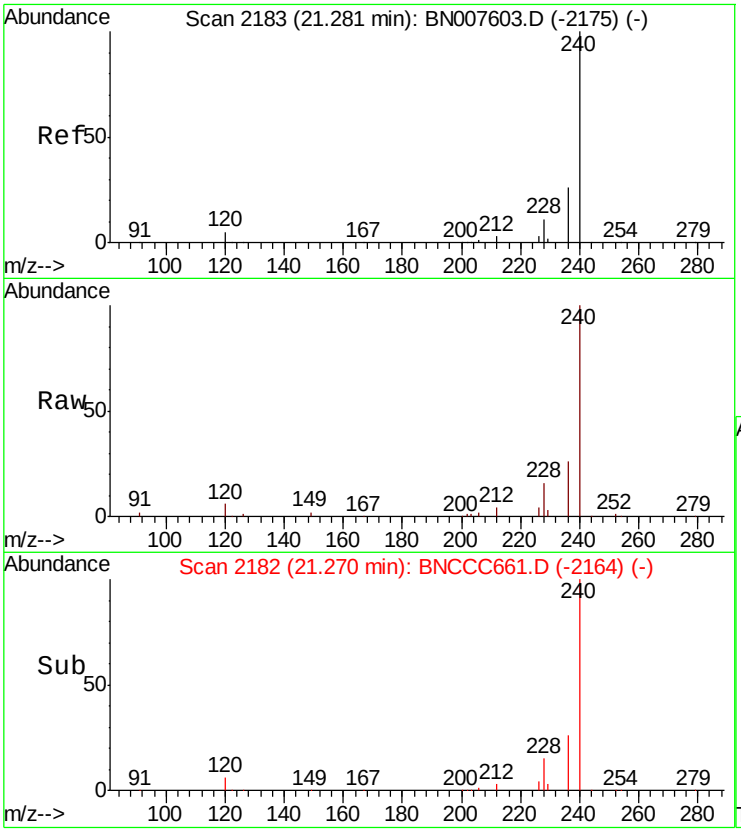


#26
Fluoranthene
Concen: 0.413 ng
RT: 19.14 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Tgt Ion:202 Resp: 63507

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.6	13.0
203	17.1	13.8	20.6



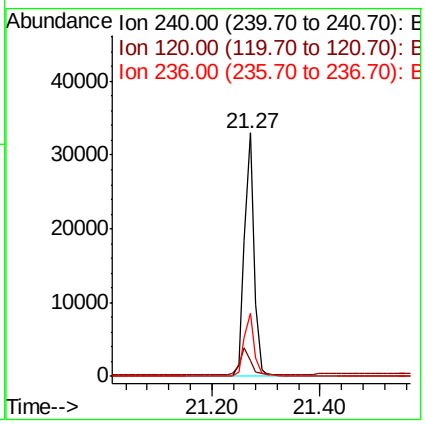


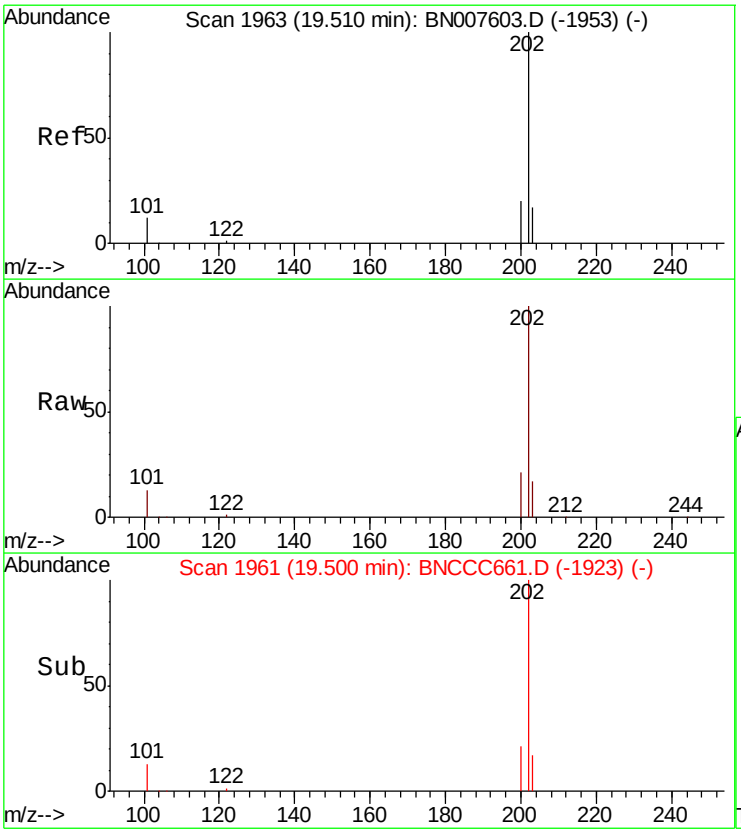
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 41191

Ion	Ratio	Lower	Upper
240	100		
120	6.3	4.3	6.5
236	26.0	20.8	31.2

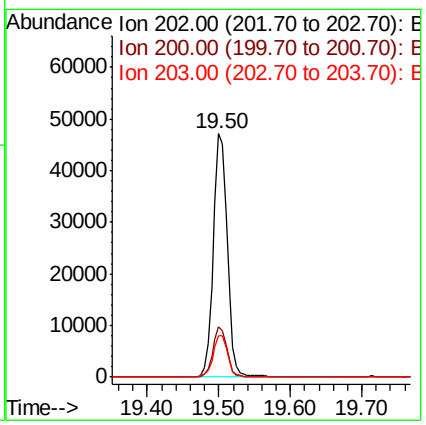


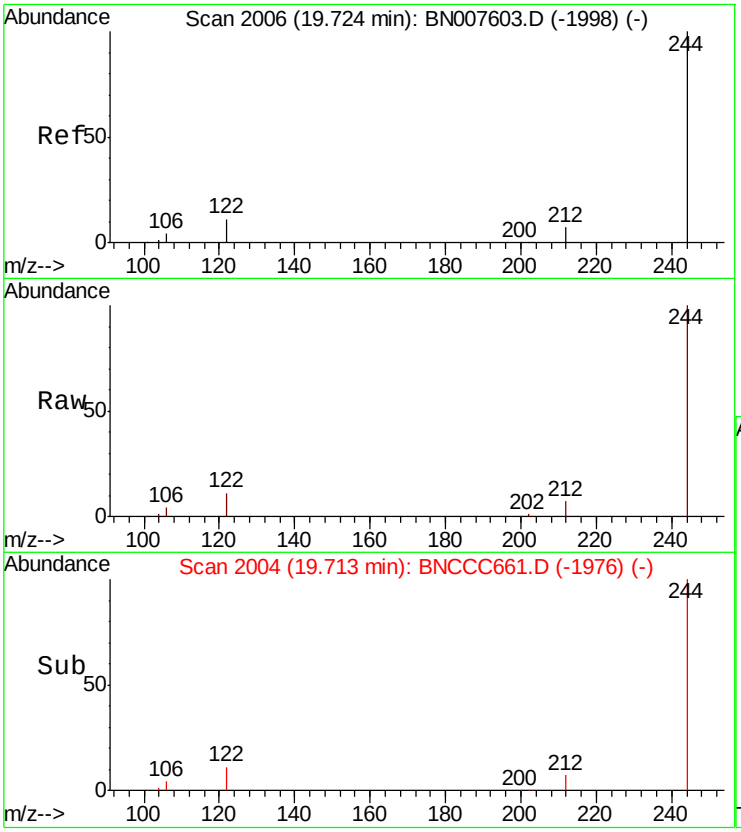


#28
Pyrene
Concen: 0.420 ng
RT: 19.50 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Tgt Ion:202 Resp: 62916

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.3	14.0	21.0



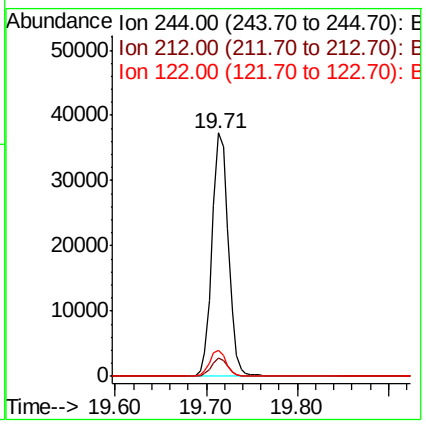


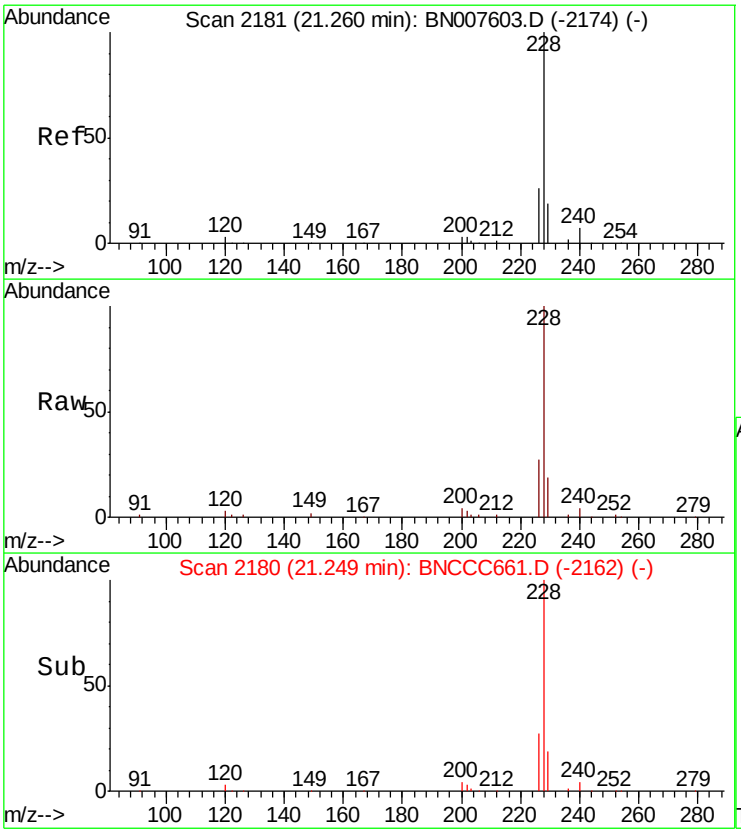
#29
Terphenyl-d14
Concen: 0.419 ng
RT: 19.71 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 45464

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.9	8.6	12.8

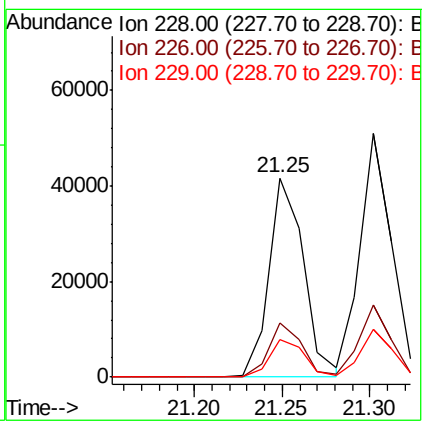


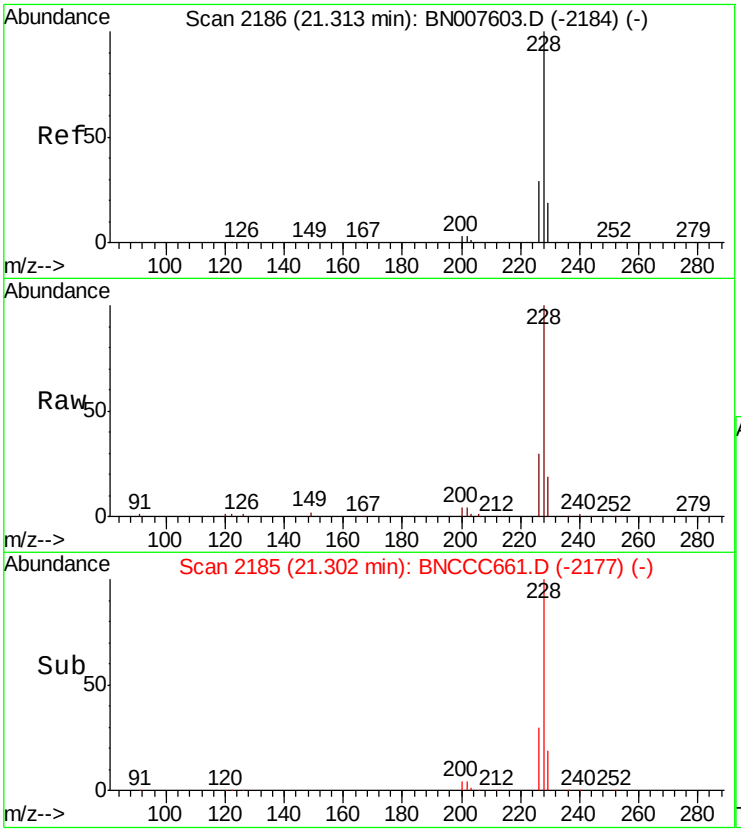


#30
Benzo(a)anthracene
Concen: 0.392 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Tgt Ion:228 Resp: 57224

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.2	31.8
229	19.1	15.5	23.3



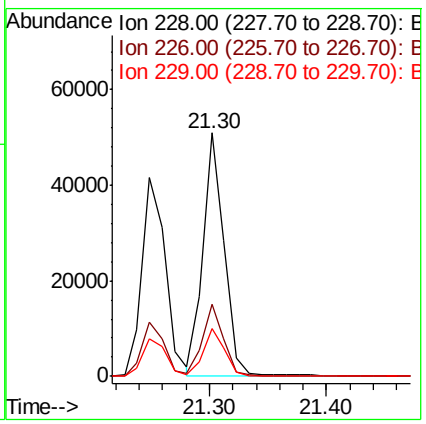


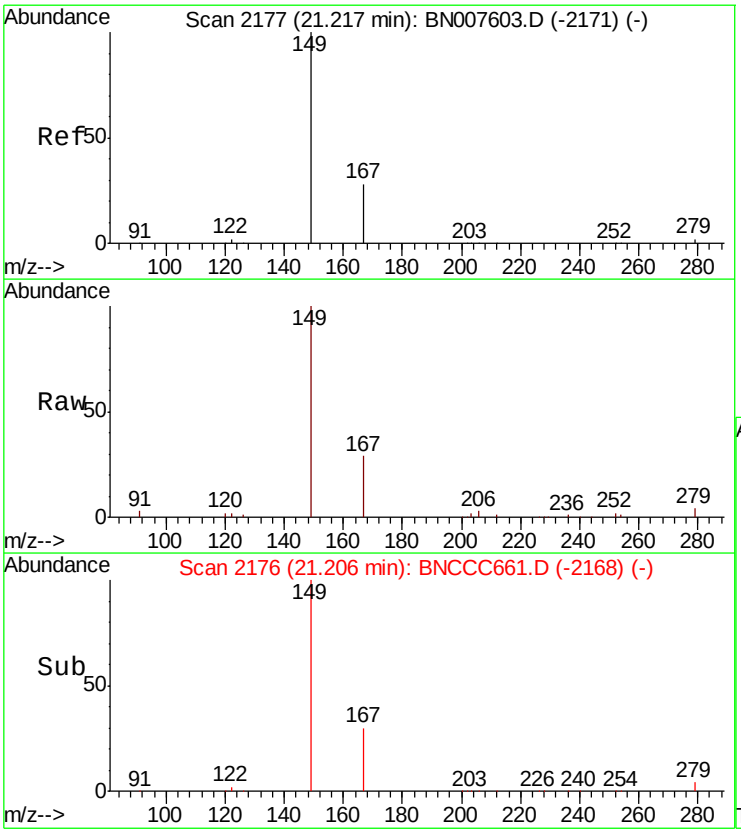
#31
Chrysene
Concen: 0.421 ng
RT: 21.30 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 64035

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	19.4	15.5	23.3

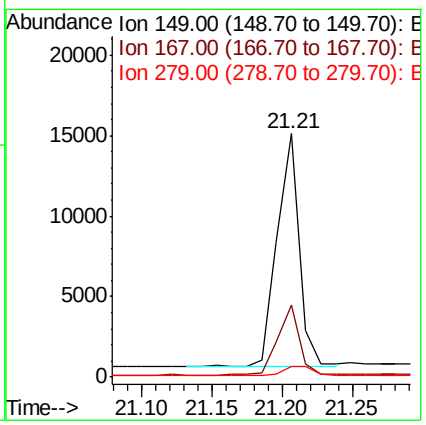


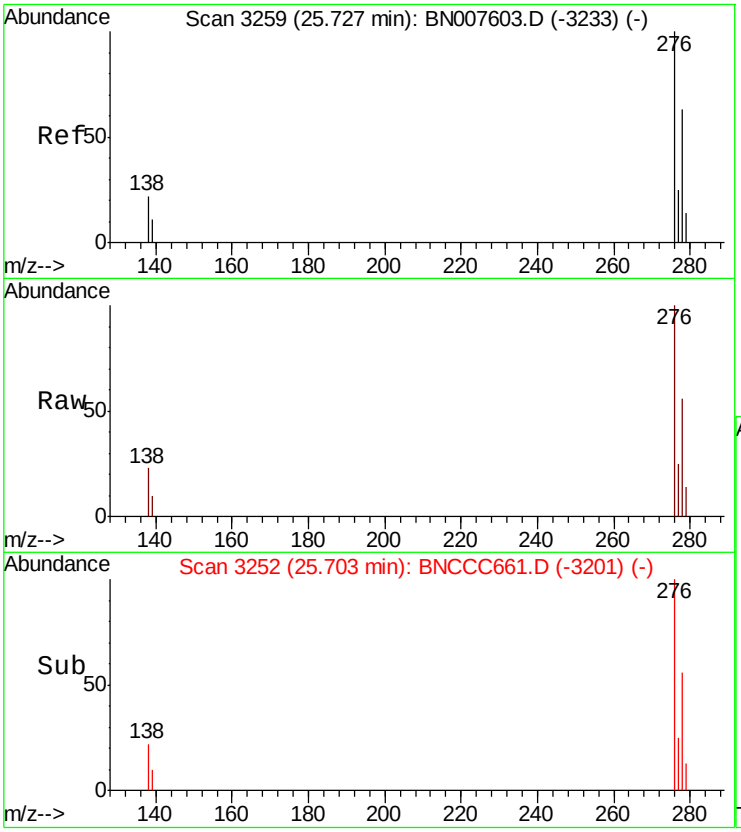


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.323 ng
RT: 21.21 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Tgt Ion:149 Resp: 15973

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.6	34.0
279	4.9	3.8	5.6



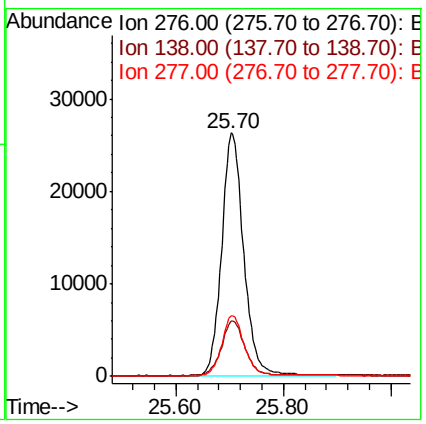


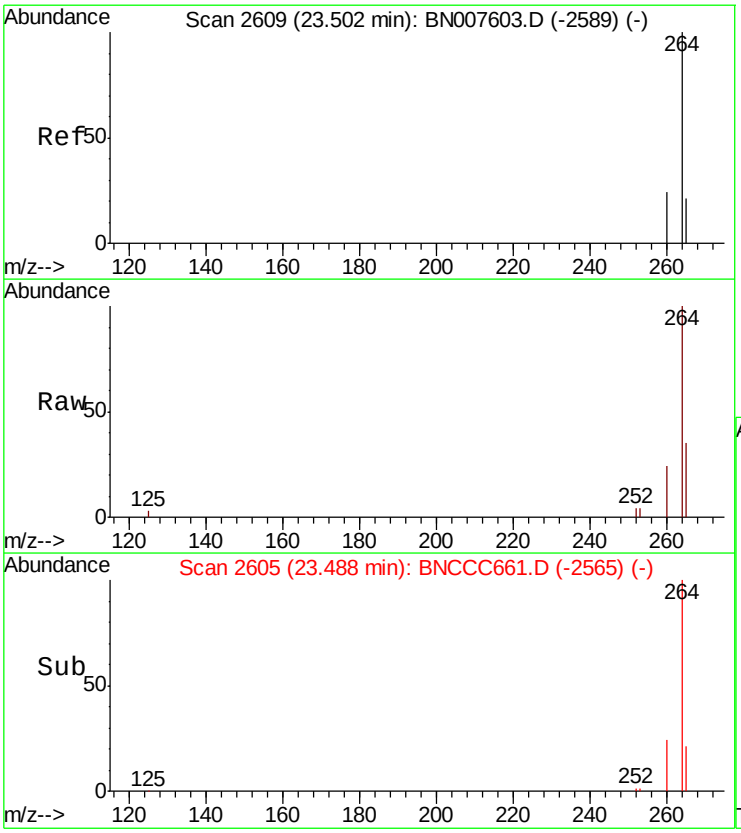
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.459 ng
RT: 25.70 min Scan# 3252
Delta R.T. -0.02 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 74555

Ion	Ratio	Lower	Upper
276	100		
138	23.9	18.2	27.4
277	25.2	20.1	30.1

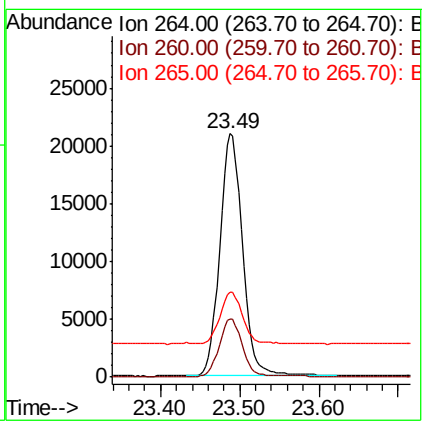


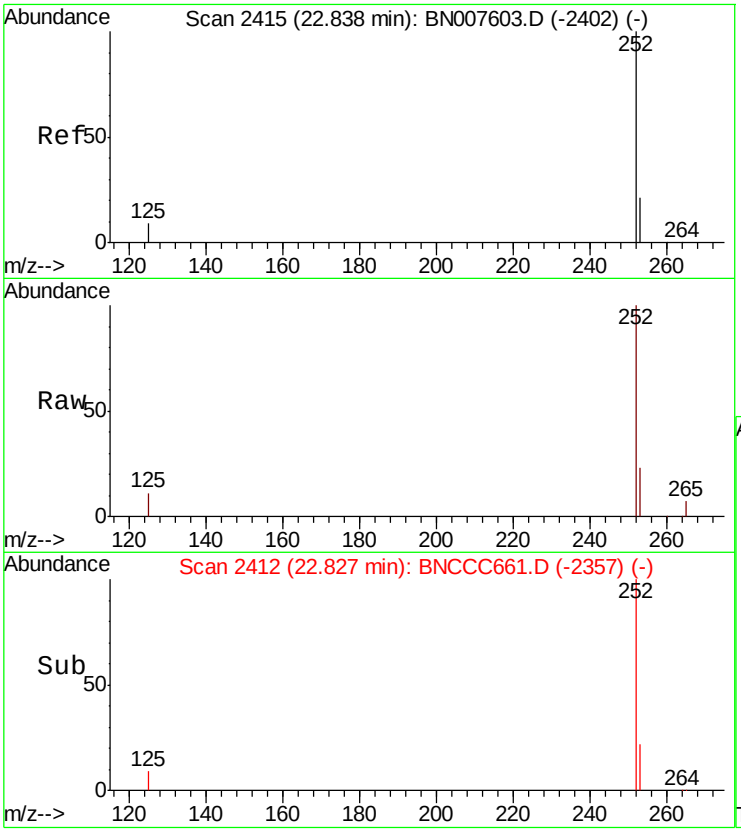


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2605
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Tgt Ion:264 Resp: 41850

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	34.8	24.6	37.0



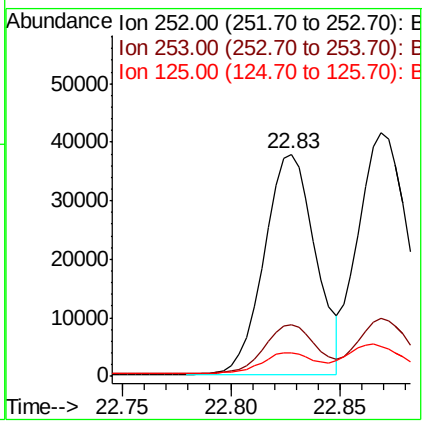


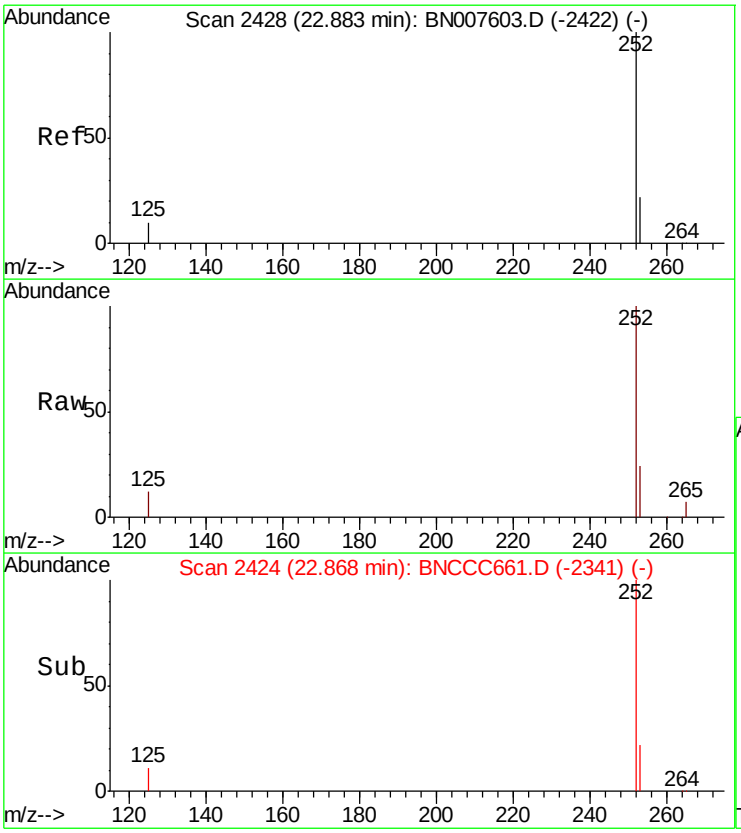
#35
Benzo(b)fluoranthene
Concen: 0.404 ng
RT: 22.83 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 61459

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	10.6	8.0	12.0

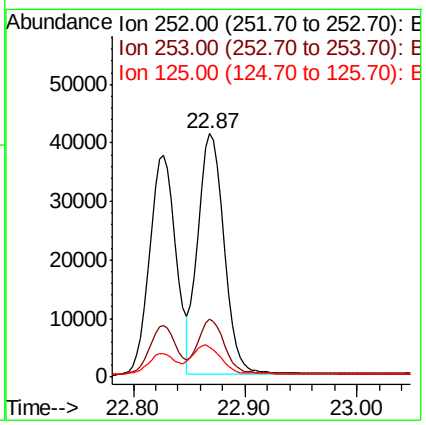


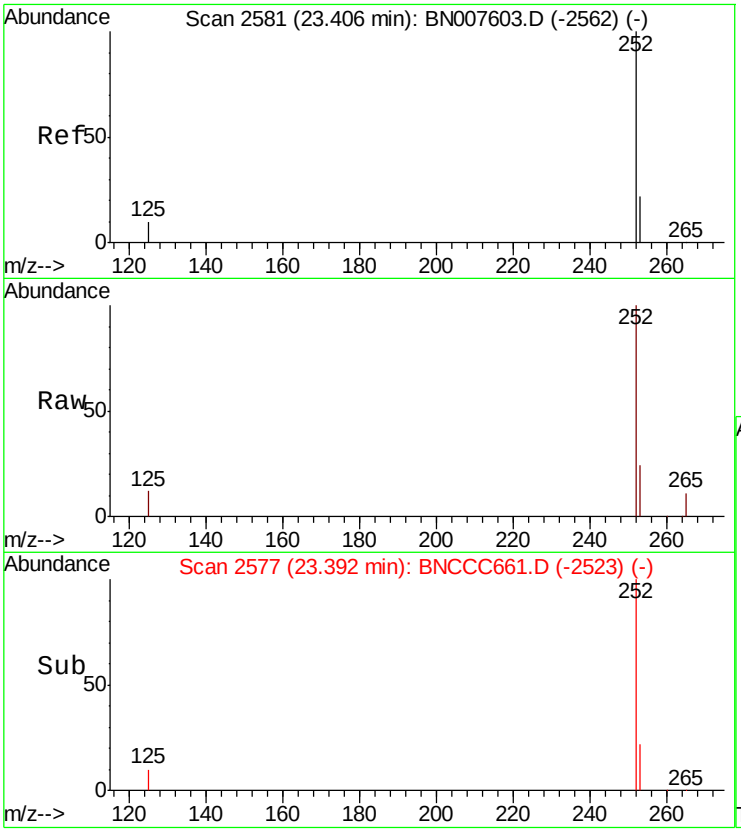


#36
Benzo(k)fluoranthene
Concen: 0.432 ng
RT: 22.87 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Tgt Ion:252 Resp: 67235

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.3	27.5
125	12.4	8.9	13.3



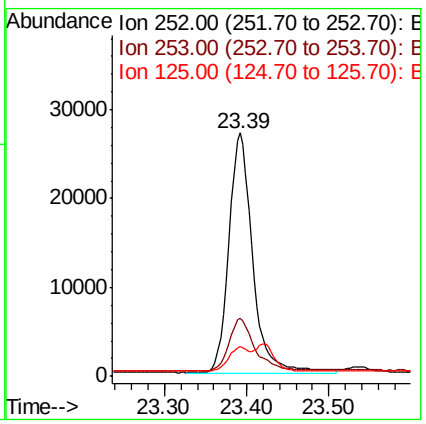


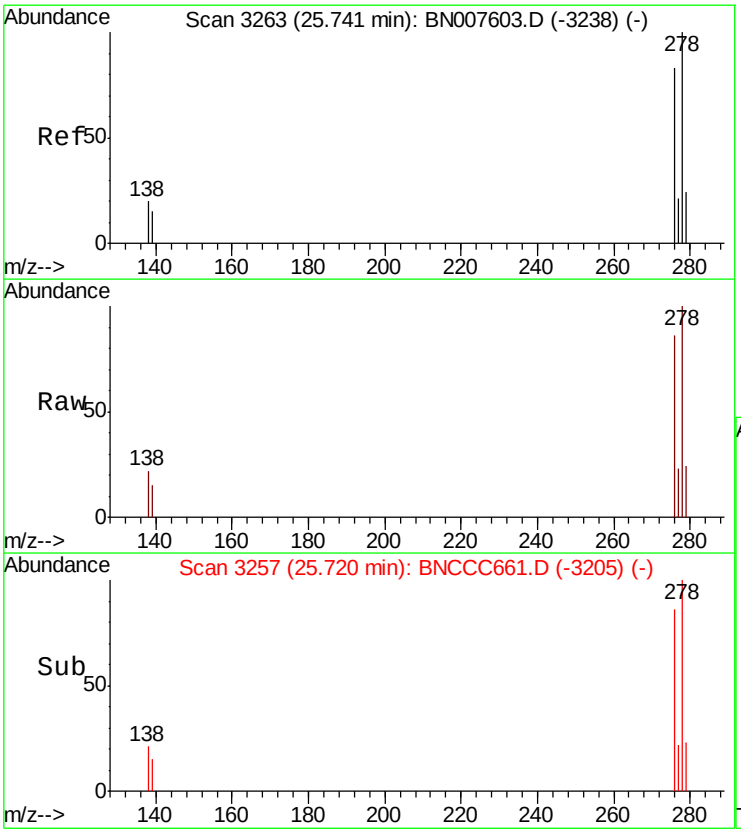
#37
Benzo(a)pyrene
Concen: 0.401 ng
RT: 23.39 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 54029

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.3	27.5
125	12.1	8.9	13.3

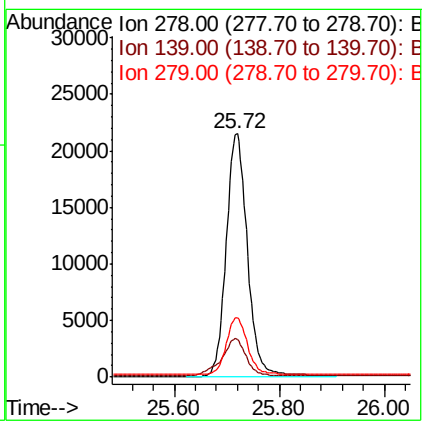


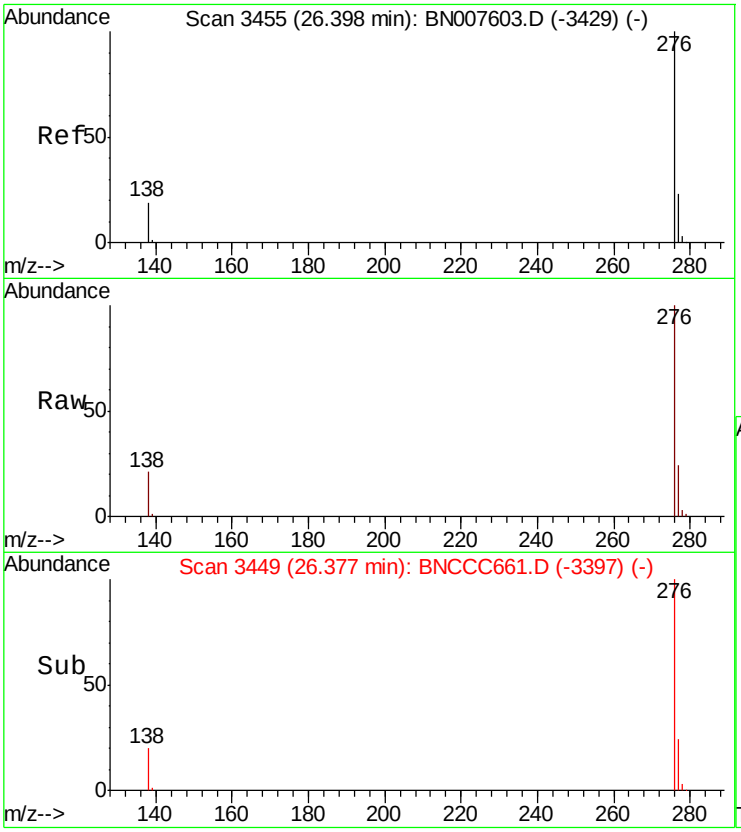


#38
Dibenzo(a,h)anthracene
Concen: 0.428 ng
RT: 25.72 min Scan# 3257
Delta R.T. -0.02 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Tgt Ion:278 Resp: 60385

Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.6	18.8
279	24.5	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 0.414 ng
RT: 26.38 min Scan# 3449
Delta R.T. -0.02 min
Lab File: BNCCC661.D
Acq: 14 Sep 2019 12:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 57916

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	20.5	15.8	23.6