Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
Data File : BECCC98.D
Acq On : 5 Dec 2019 20:44
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 06 02:05:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5661	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	27880	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	16953	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	36408	0.40	ng		-0.01
27) Chrysene-d12	21.31	240	34839	0.40	ng		0.00
34) Perylene-d12	23.75	264	43048	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	6702	0.50	ng		0.00
5) Phenol-d6	6.93	99	10509	0.52	ng		0.00
8) Nitrobenzene-d5	8.90	82	7981	0.60	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	16381	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1653	0.88	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	23677	0.35	ng		0.00
25) Fluoranthene-d10	19.16	212	156719	0.36	ng		0.00
29) Terphenyl-d14	19.76	244	33111	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	3614	0.350	ng		97
3) n-Nitrosodimethylamine	3.65	42	3200	0.381	ng	#	86
6) bis(2-Chloroethyl)ether	7.19	93	7910	0.404	ng		99
9) Naphthalene	10.59	128	113652	0.384	ng		100
10) Hexachlorobutadiene	10.89	225	4340	0.376	ng		97
12) 2-Methylnaphthalene	12.21	142	18550	0.401	ng		97
16) Acenaphthylene	14.11	152	27773	0.396	ng		100
17) Acenaphthene	14.46	154	18307	0.379	ng		97
18) Fluorene	15.43	166	23191	0.372	ng		99
20) 4-Bromophenyl-phenylether	16.33	248	6847	0.383	ng		99
21) Hexachlorobenzene	16.44	284	7322	0.377	ng		99
22) Pentachlorophenol	16.79	266	1365	1.017	ng	#	83
23) Phenanthrene	17.16	178	41592	0.377	ng		100
24) Anthracene	17.25	178	36080	0.391	ng		99
26) Fluoranthene	19.19	202	46767	0.355	ng		100
28) Pyrene	19.55	202	47370	0.418	ng		100
30) Benzo(a)anthracene	21.29	228	46534	0.453	ng		99
31) Chrysene	21.34	228	46842	0.388	ng		98
32) Bis(2-ethylhexyl)phthalate	21.24	149	105563	1.258	ng		99
33) Indeno(1,2,3-cd)pyrene	26.33	276	52826	0.503	ng		100
35) Benzo(b)fluoranthene	23.00	252	46954	0.398	ng		100
36) Benzo(k)fluoranthene	23.05	252	47432	0.359	ng		99
37) Benzo(a)pyrene	23.64	252	43448	0.426	ng		99
38) Dibenzo(a,h)anthracene	26.36	278	42850	0.422	ng		97
39) Benzo(g,h,i)perylene	27.11	276	43890	0.404	ng		100

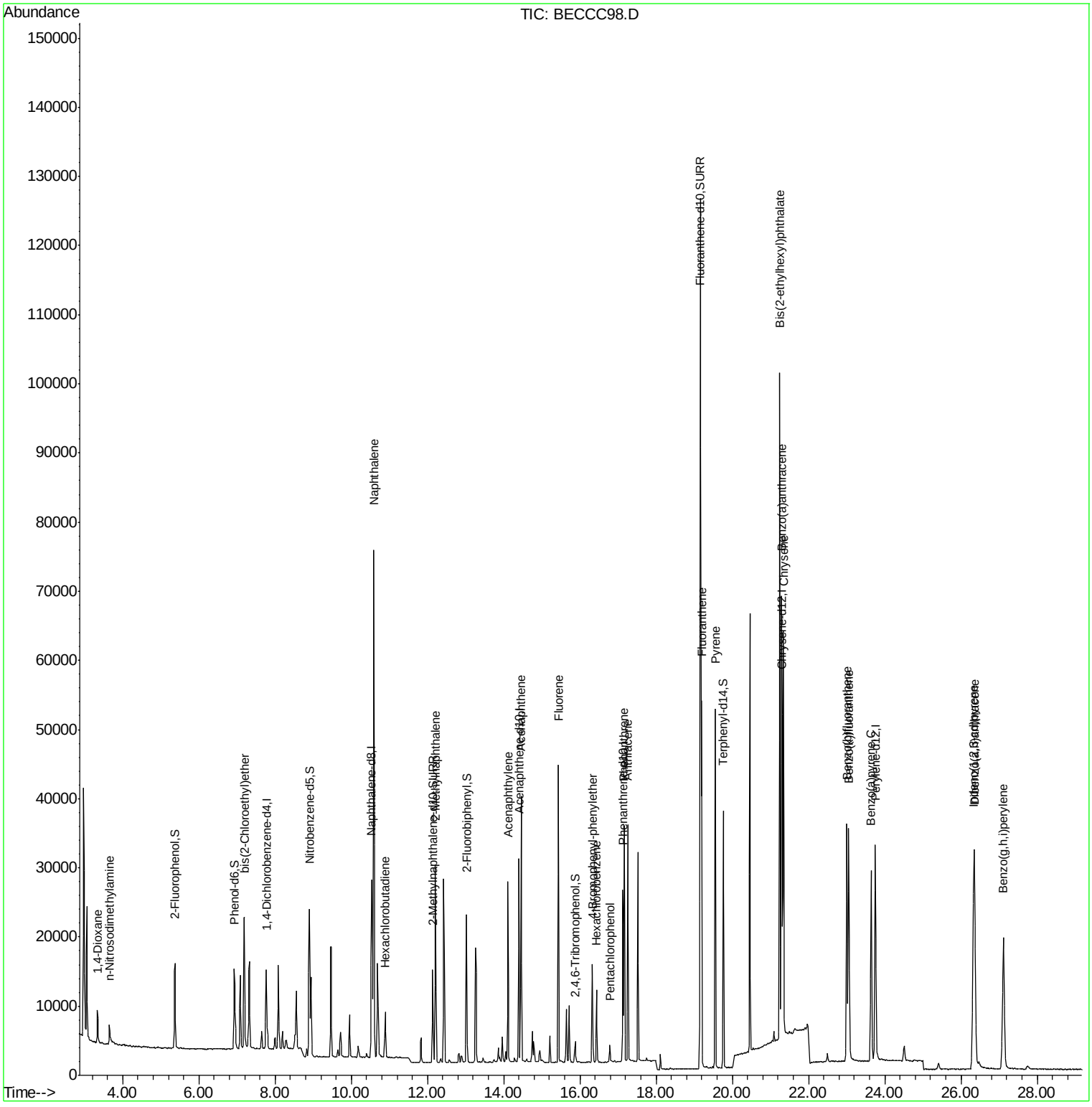
(#) = qualifier out of range (m) = manual integration (+) = signals summed

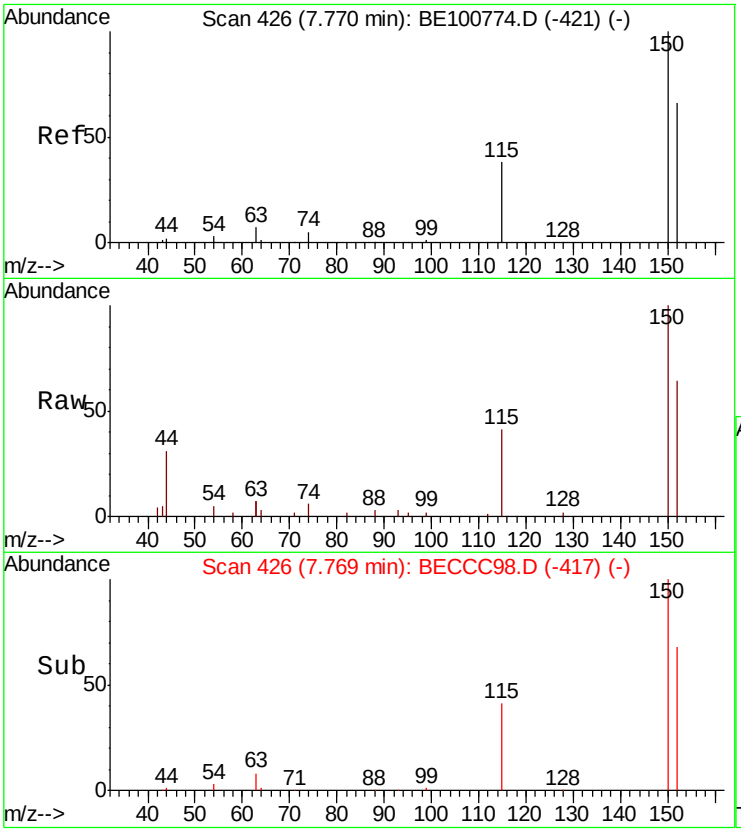
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
Data File : BECCC98.D
Acq On : 5 Dec 2019 20:44
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 06 02:05:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration



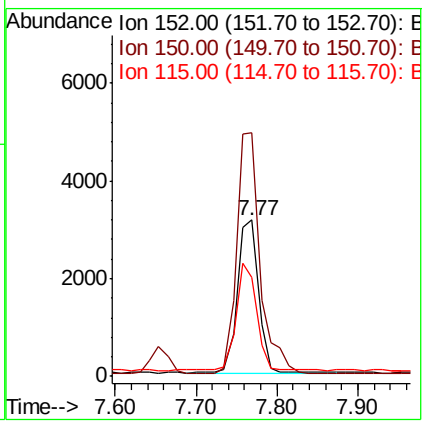


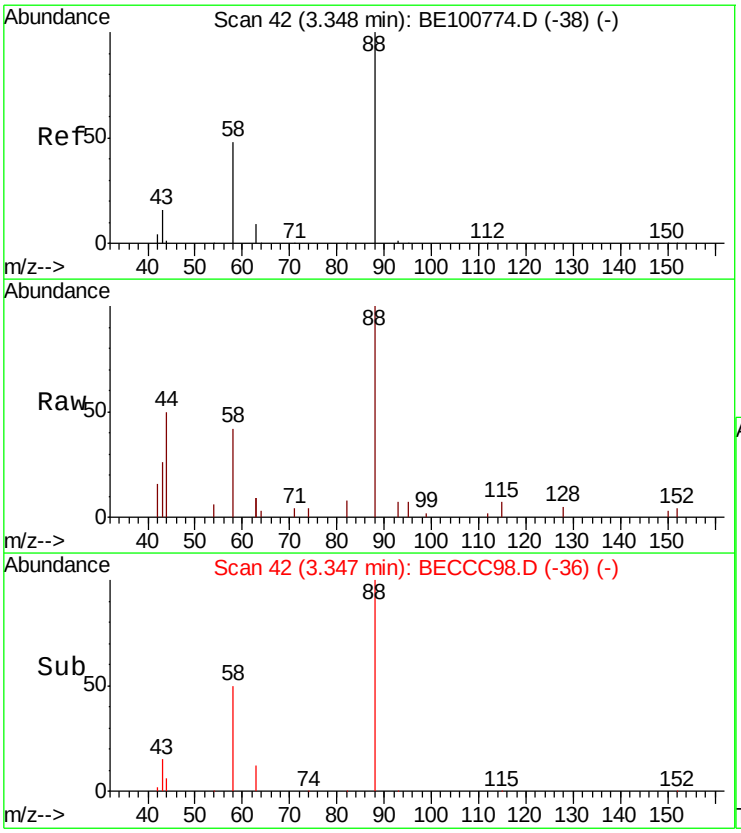
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5661

Ion	Ratio	Lower	Upper
152	100		
150	155.9	120.6	181.0
115	63.5	47.4	71.2

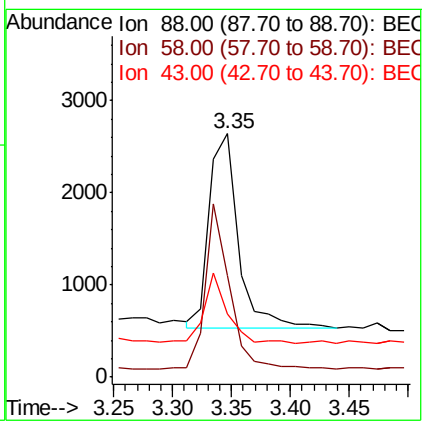


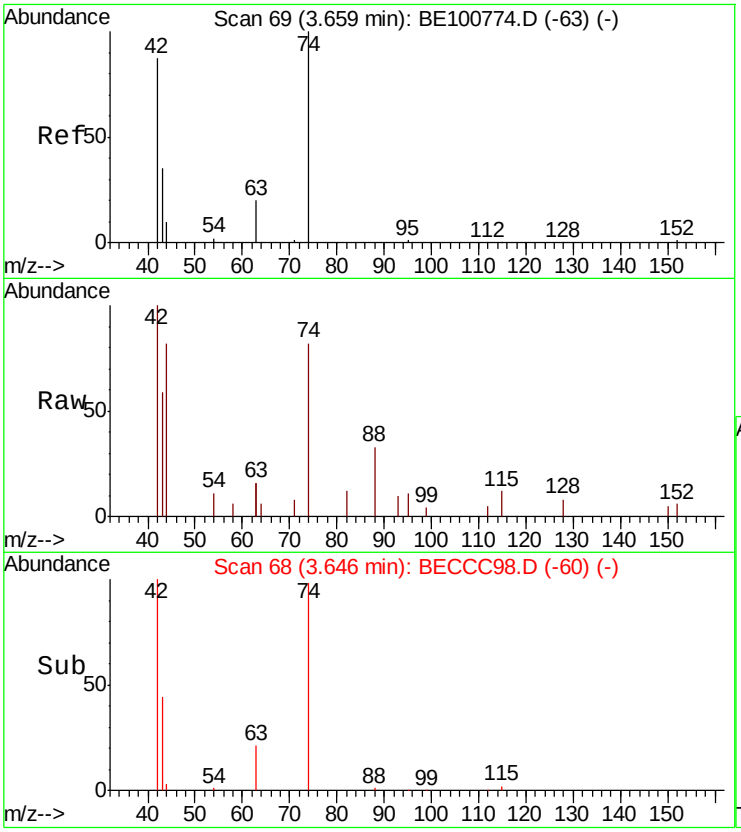


#2
1,4-Dioxane
Concen: 0.350 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion: 88 Resp: 3614

Ion	Ratio	Lower	Upper
88	100		
58	68.4	52.5	78.7
43	29.0	23.0	34.6



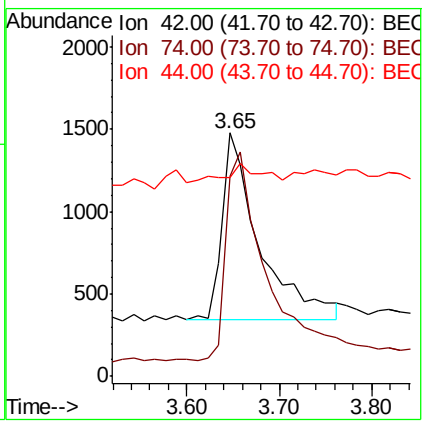


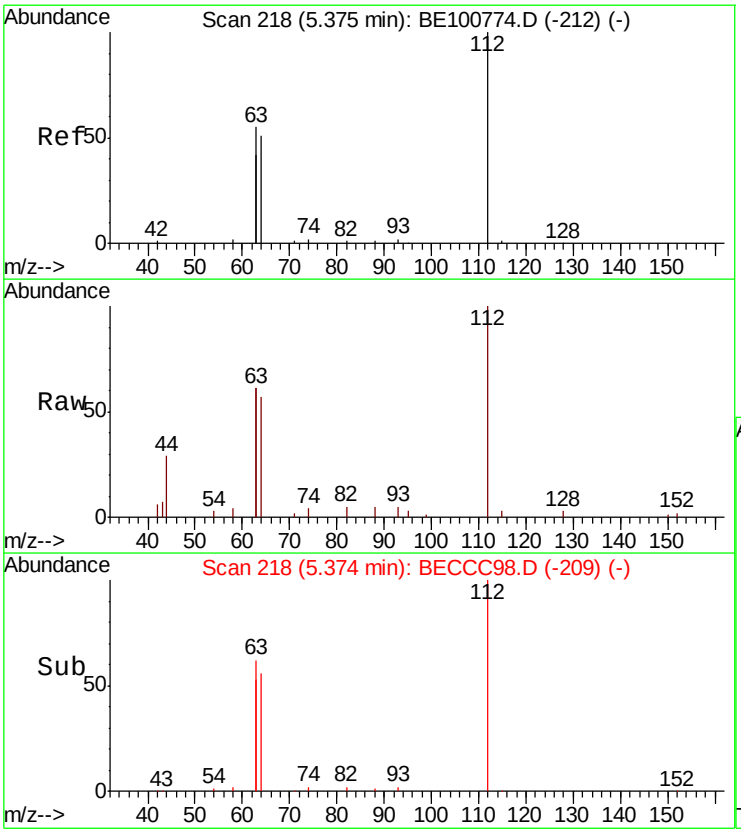
#3
n-Nitrosodimethylamine
Concen: 0.381 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3200

Ion	Ratio	Lower	Upper
42	100		
74	121.7	86.3	129.5
44	6.5	11.6	17.4#

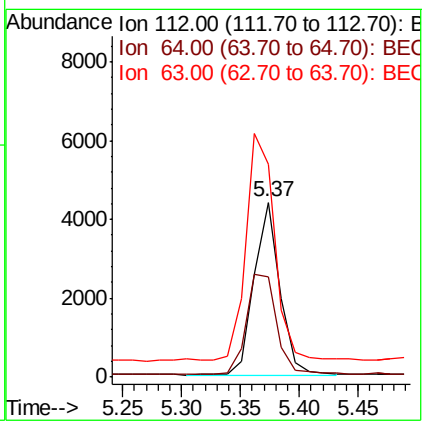


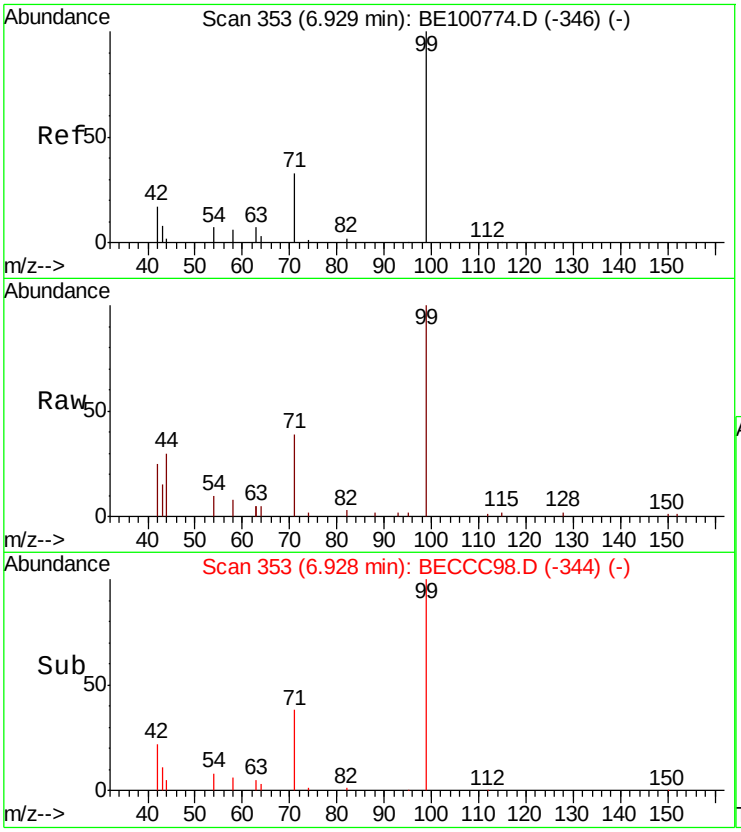


#4
2-Fluorophenol
Concen: 0.499 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion:112 Resp: 6702

Ion	Ratio	Lower	Upper
112	100		
64	67.9	54.1	81.1
63	143.0	113.2	169.8



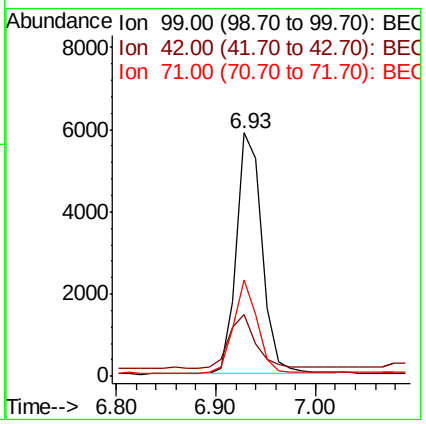


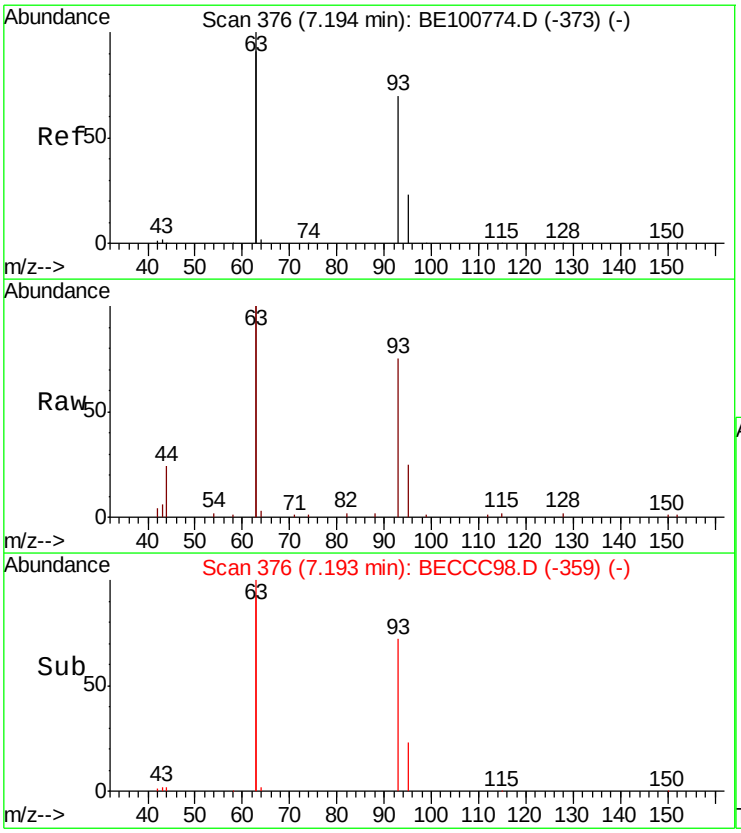
#5
Phenol-d6
Concen: 0.518 ng
RT: 6.93 min Scan# 353
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 10509

Ion	Ratio	Lower	Upper
99	100		
42	23.5	19.1	28.7
71	35.7	27.7	41.5

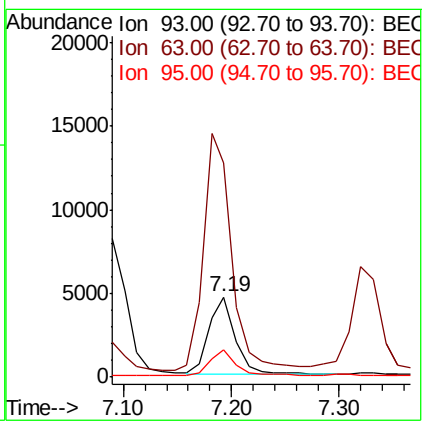


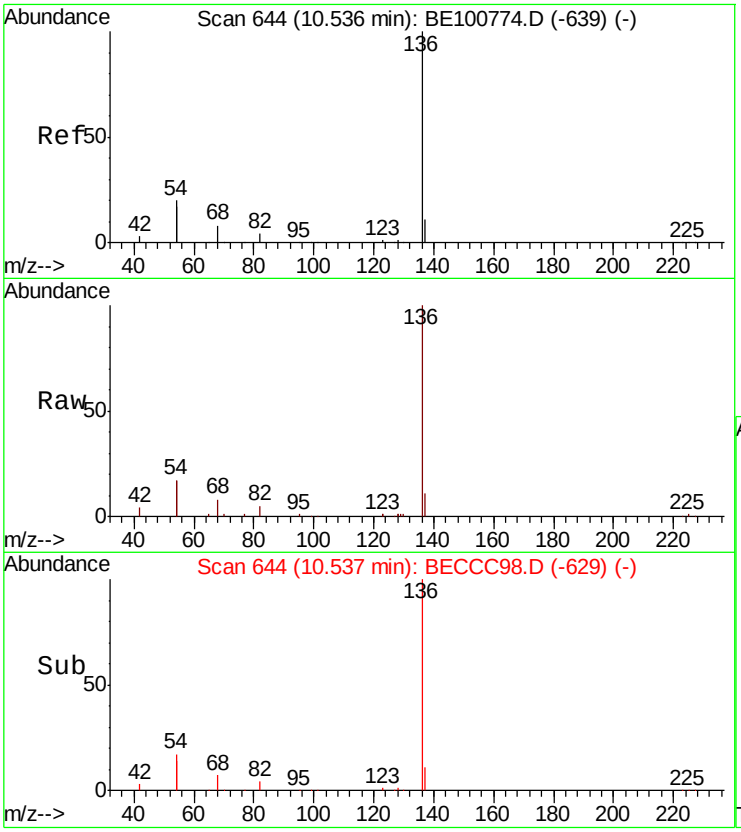


#6
bis(2-Chloroethyl)ether
Concen: 0.404 ng
RT: 7.19 min Scan# 376
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion: 93 Resp: 7910

Ion	Ratio	Lower	Upper
93	100		
63	322.5	259.4	389.0
95	32.0	26.2	39.2



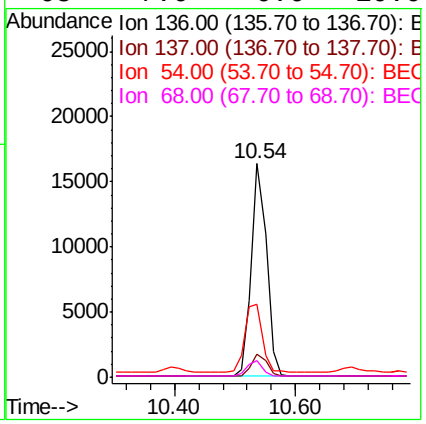


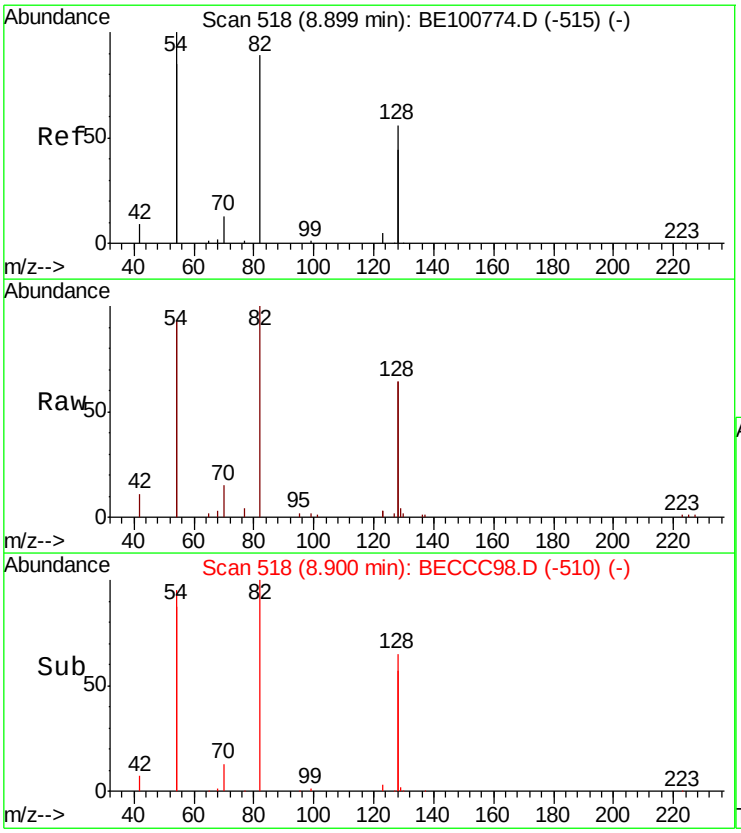
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. 0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 27880

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.4	14.0
54	33.9	31.1	46.7
68	7.6	6.6	10.0

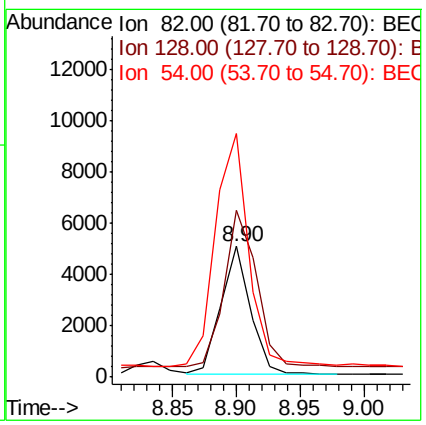


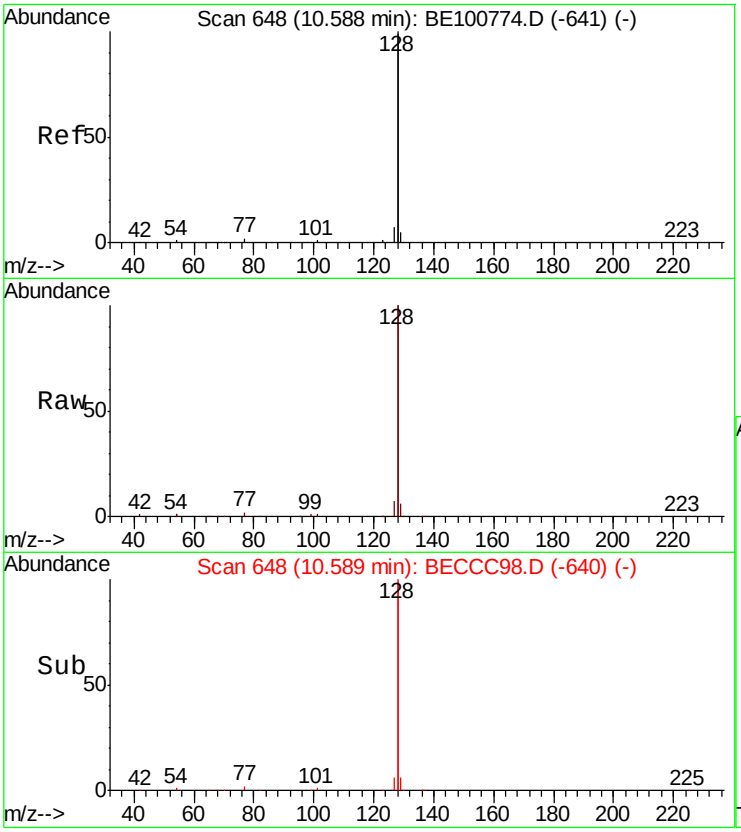


#8
Nitrobenzene-d5
Concen: 0.601 ng
RT: 8.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion: 82 Resp: 7981

Ion	Ratio	Lower	Upper
82	100		
128	127.2	97.0	145.4
54	186.1	171.8	257.6



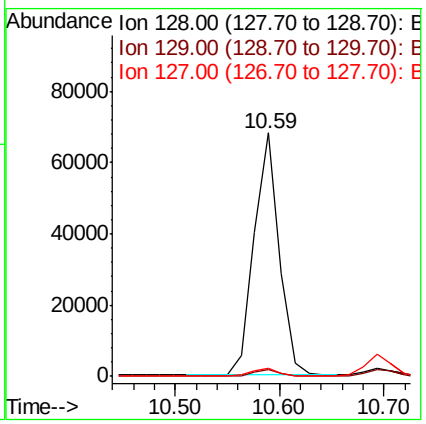


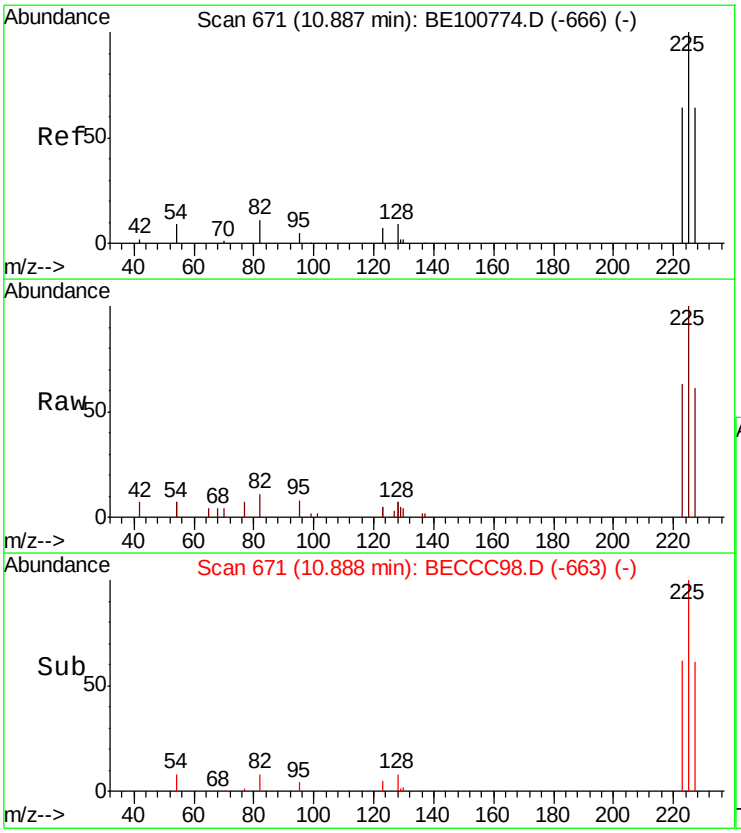
#9
Naphthalene
Concen: 0.384 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 113652

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.4
127	3.3	2.7	4.1

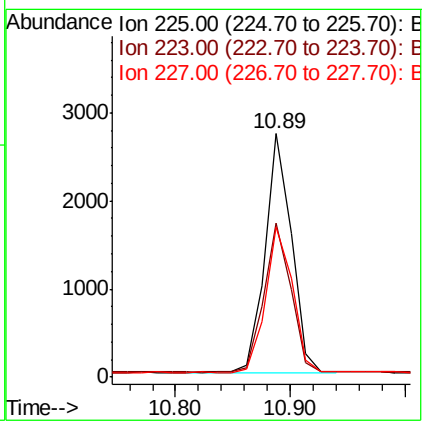


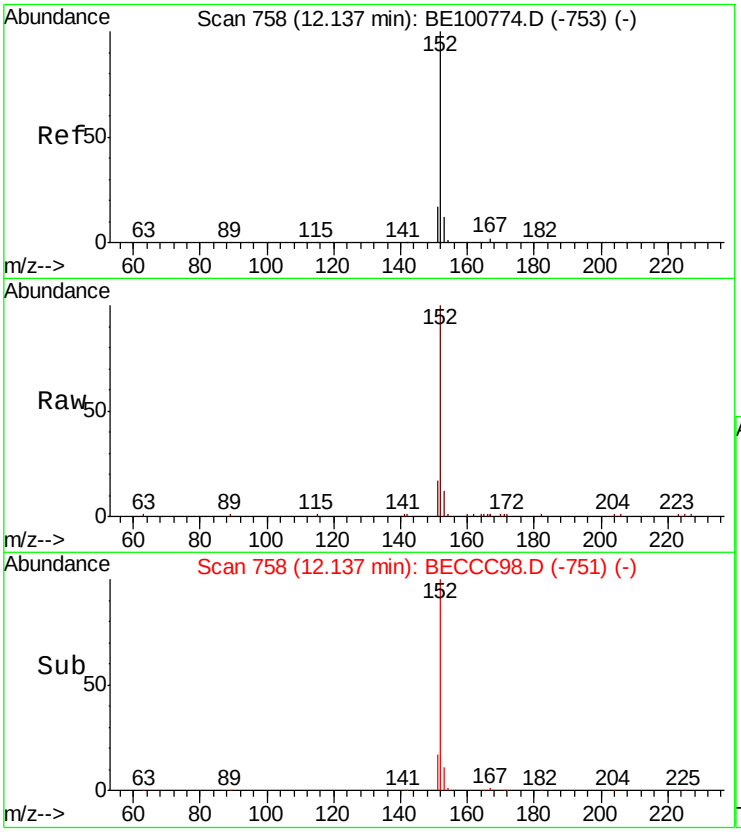


#10
Hexachlorobutadiene
Concen: 0.376 ng
RT: 10.89 min Scan# 671
Delta R.T. 0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion:225 Resp: 4340

Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.9	74.9
227	62.7	52.2	78.4



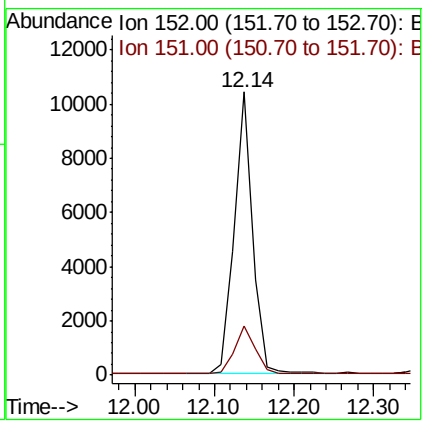


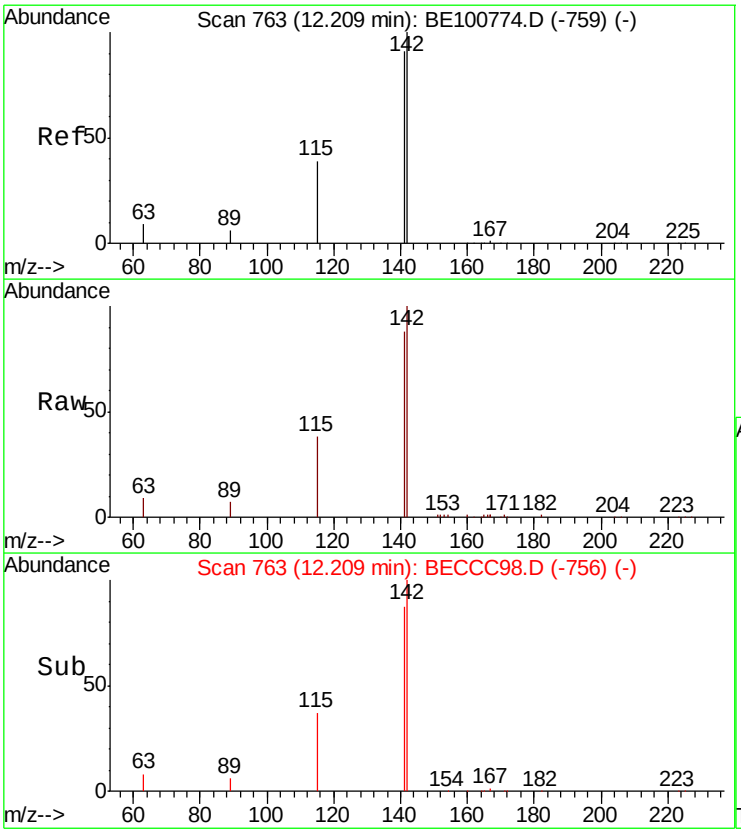
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 16381

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.8	23.8

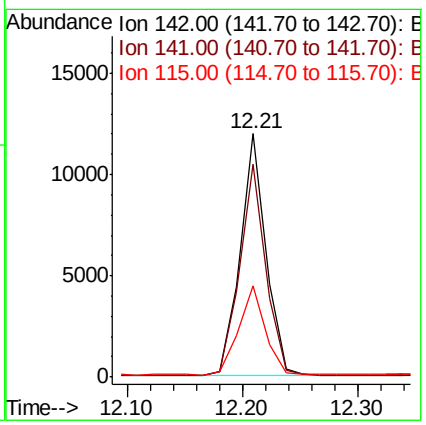


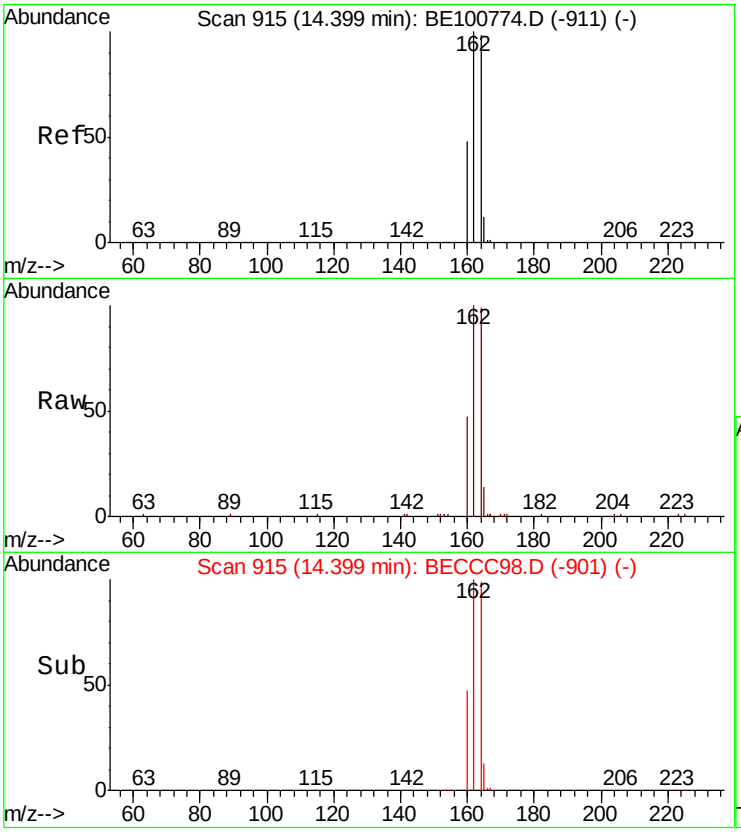


#12
2-Methylnaphthalene
Concen: 0.401 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion:142 Resp: 18550

Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.6	108.8
115	37.7	31.8	47.6



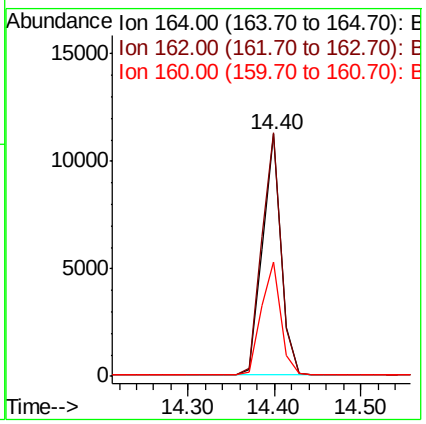


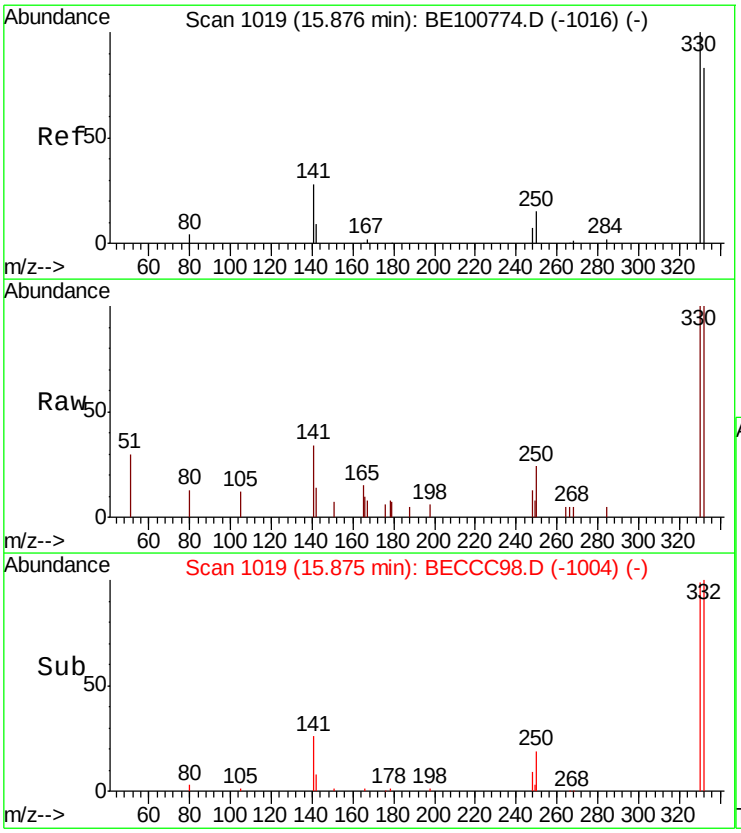
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 16953

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.4	122.0
160	47.2	39.4	59.0

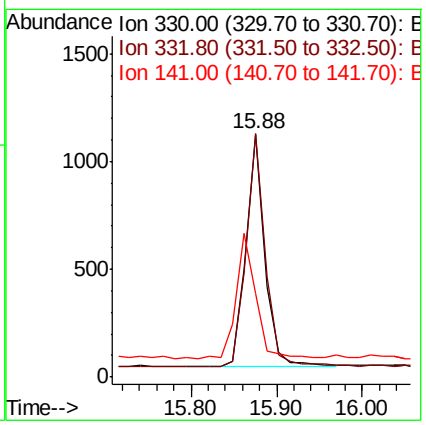


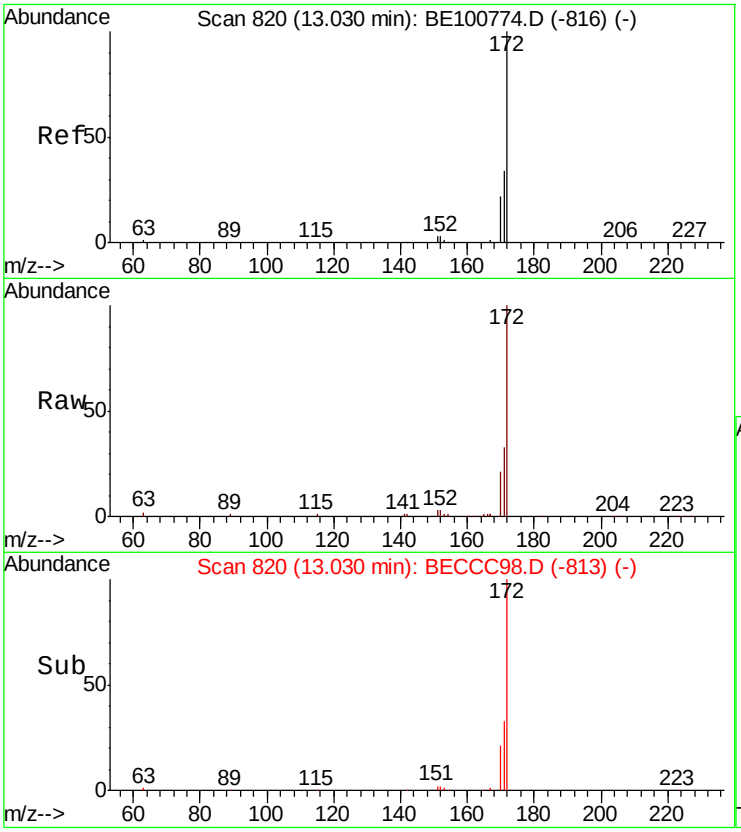


#14
2,4,6-Tribromophenol
Concen: 0.877 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion:330 Resp: 1653

Ion	Ratio	Lower	Upper
330	100		
332	101.6	69.4	104.2
141	54.9	51.1	76.7



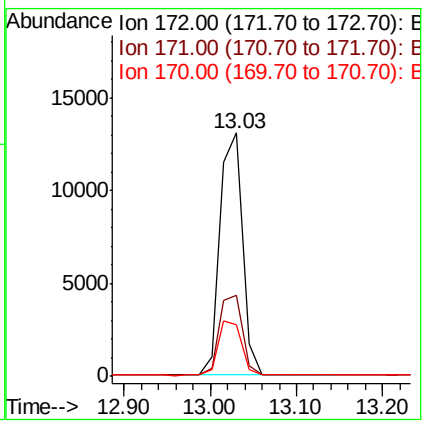


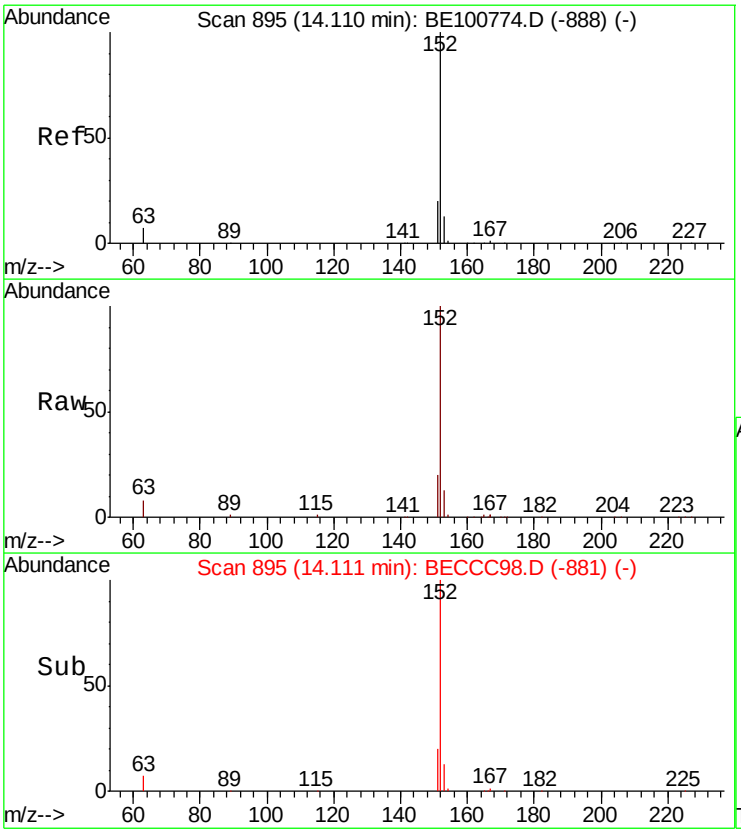
#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 23677

Ion	Ratio	Lower	Upper
172	100		
171	33.2	27.2	40.8
170	21.2	18.0	27.0

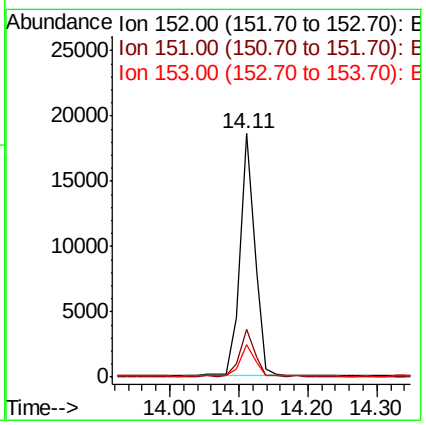


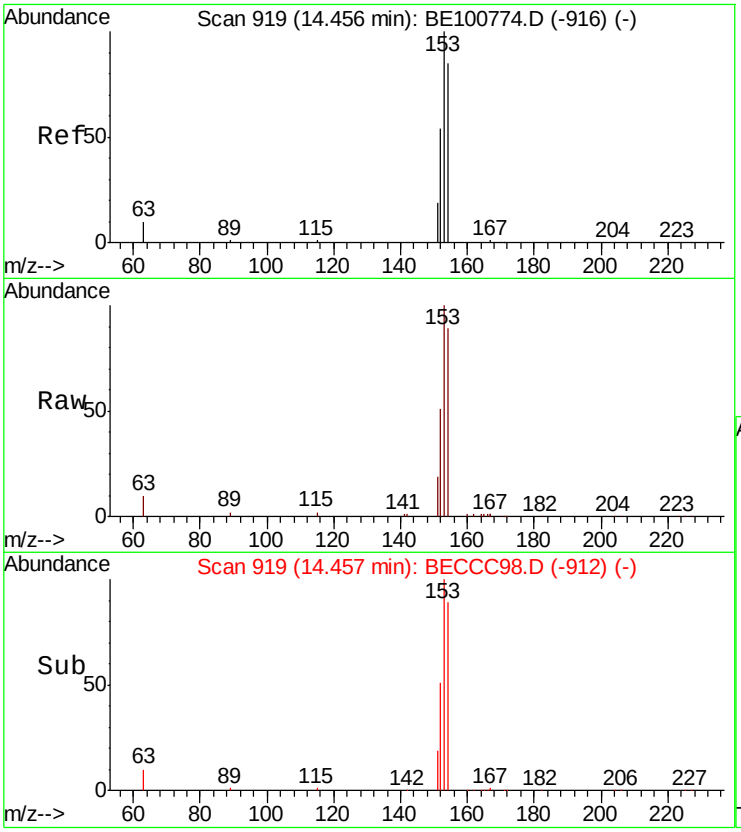


#16
Acenaphthylene
Concen: 0.396 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion:152 Resp: 27773

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	12.9	10.4	15.6



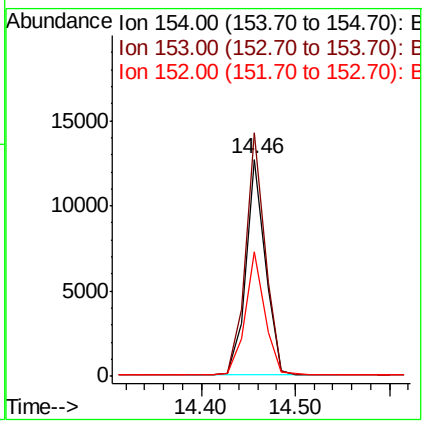


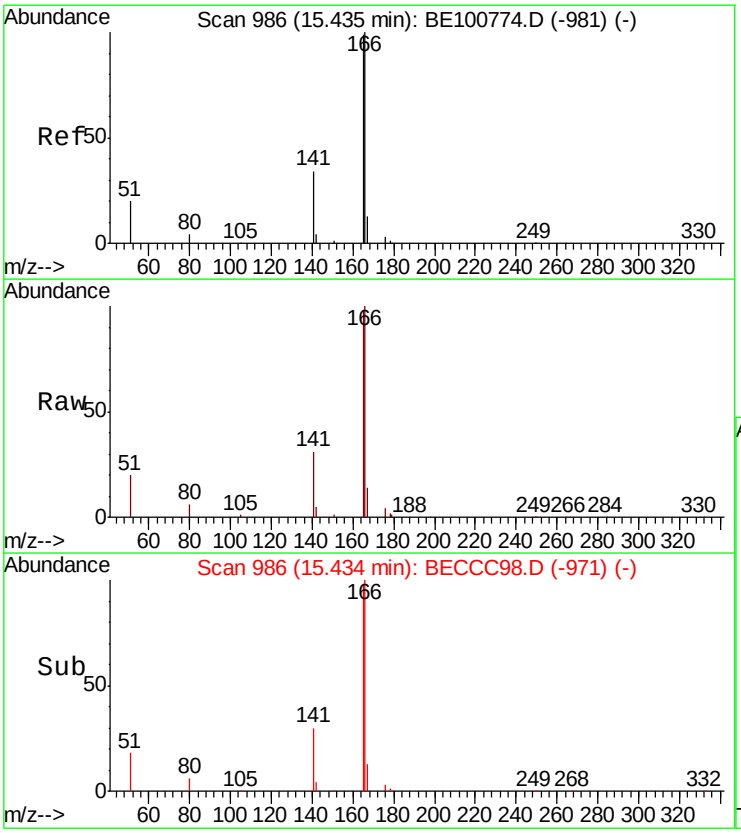
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 18307

Ion	Ratio	Lower	Upper
154	100		
153	112.5	92.2	138.2
152	57.8	49.1	73.7

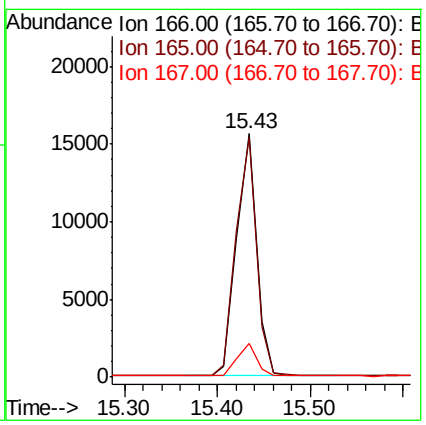


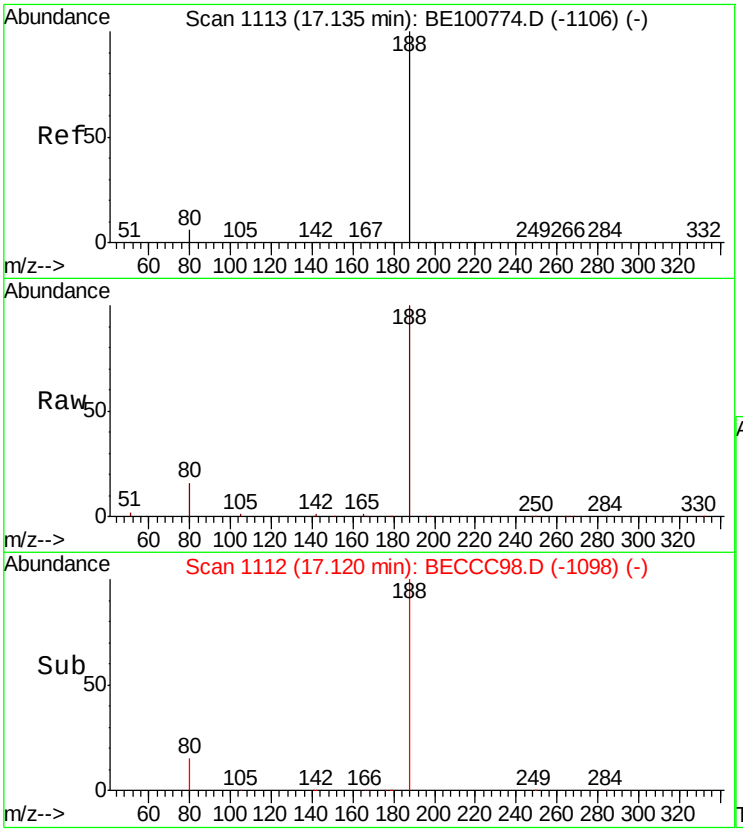


#18
Fluorene
Concen: 0.372 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion:166 Resp: 23191

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.5	120.7
167	13.4	10.7	16.1



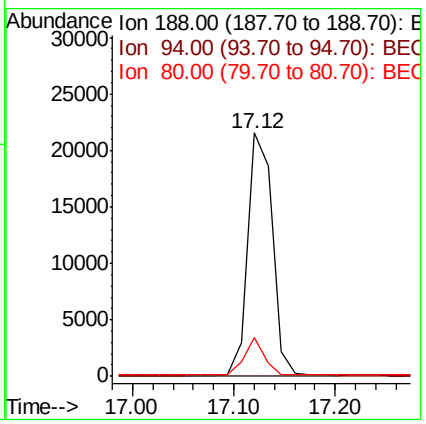


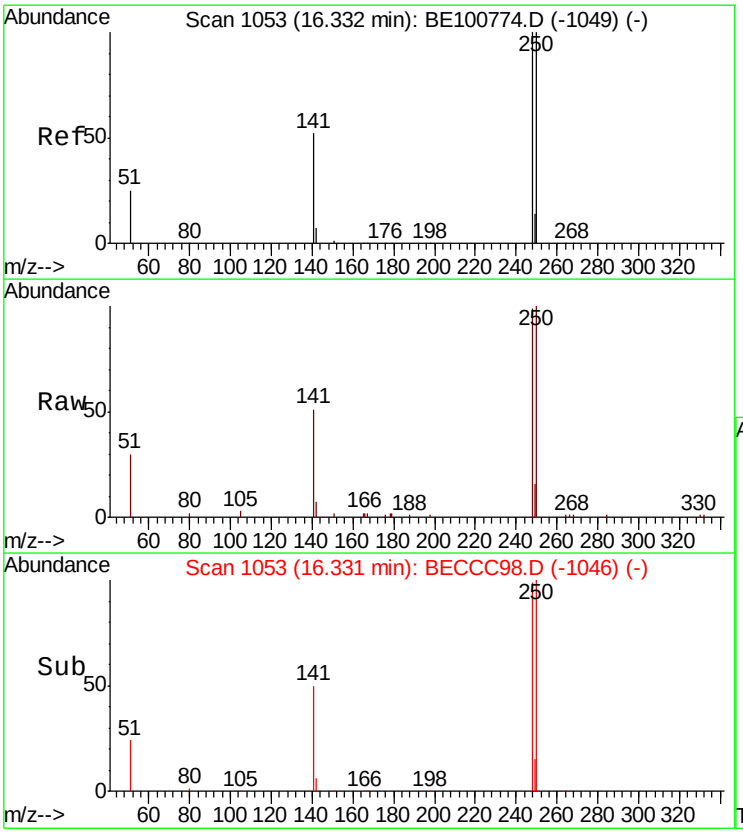
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 36408

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.8	5.2	7.8#

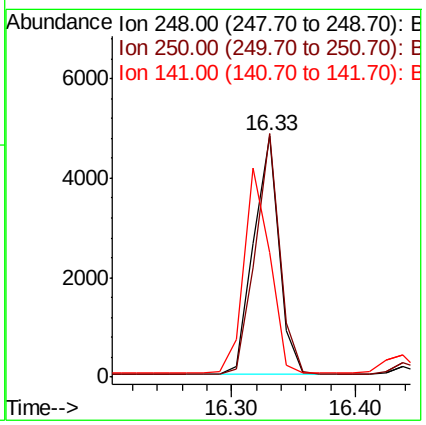


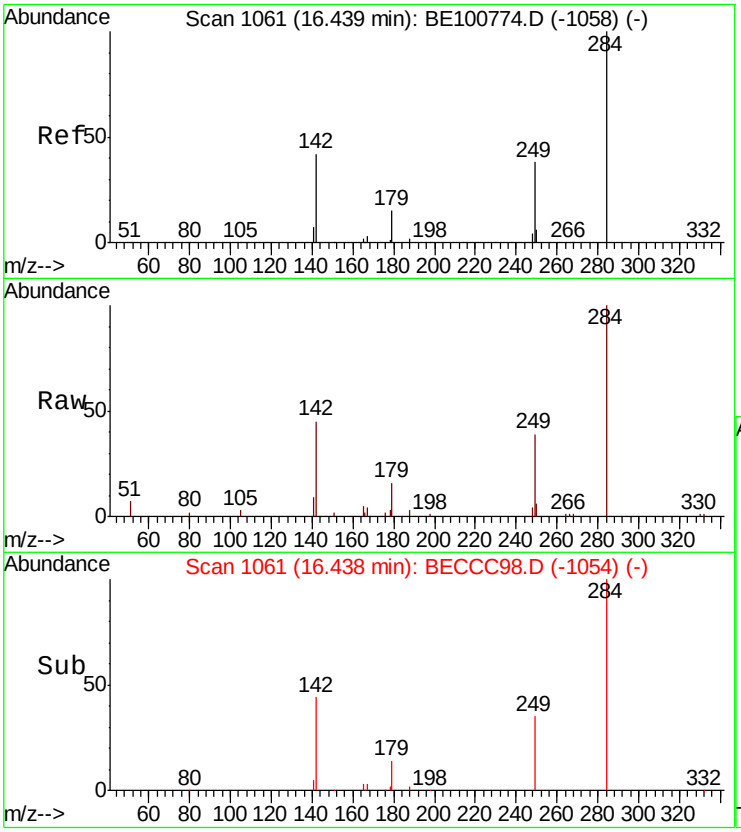


#20
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion:248 Resp: 6847

Ion	Ratio	Lower	Upper
248	100		
250	101.0	80.5	120.7
141	51.7	42.6	64.0



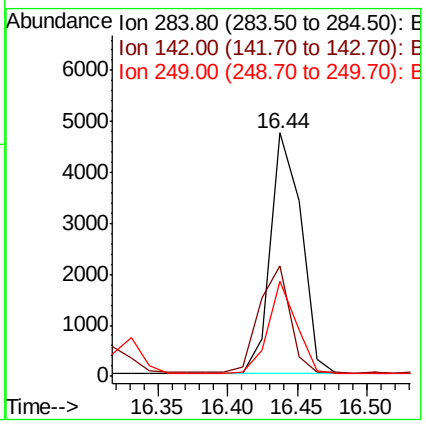


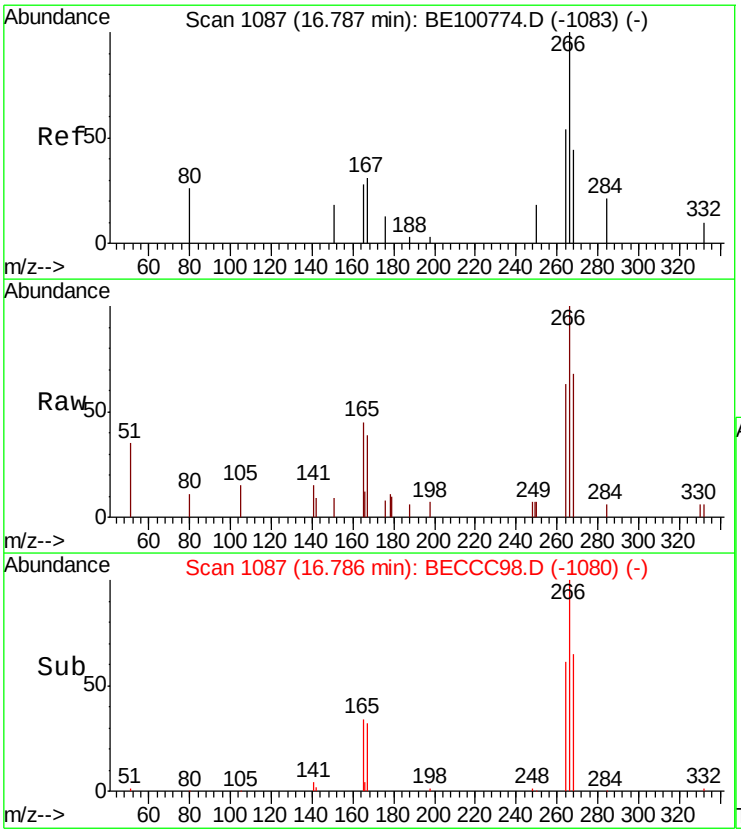
#21
Hexachlorobenzene
Concen: 0.377 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 7322

Ion	Ratio	Lower	Upper
284	100		
142	43.5	34.4	51.6
249	35.0	28.5	42.7

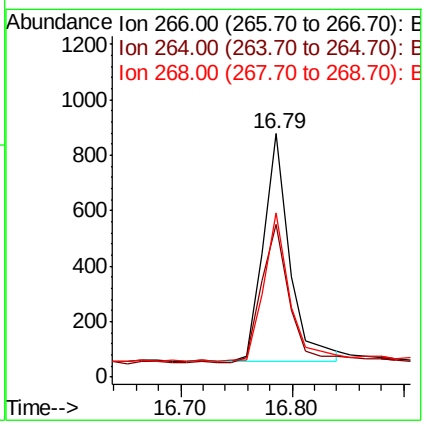


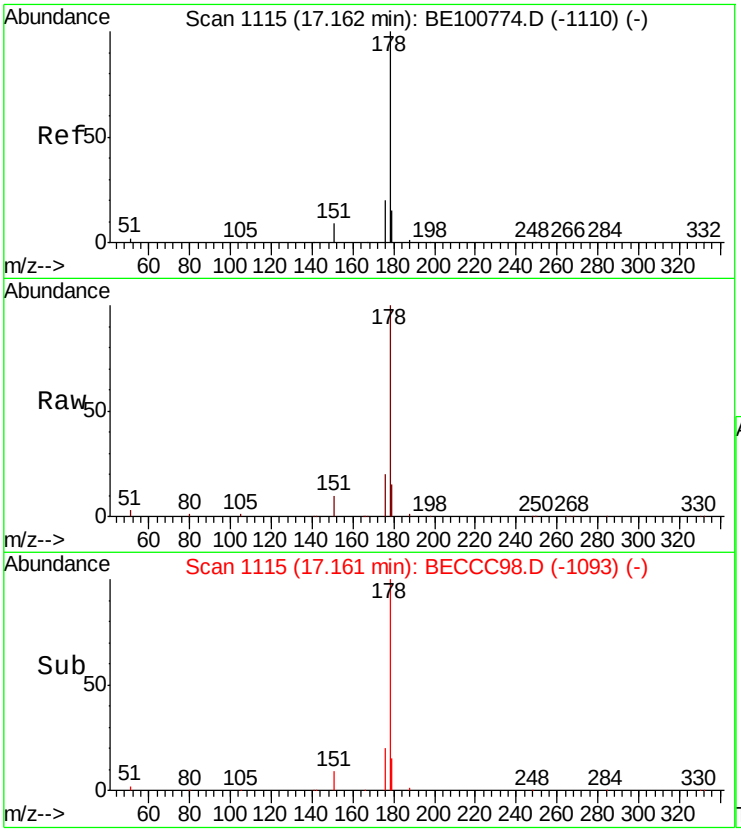


#22
Pentachlorophenol
Concen: 1.017 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion:266 Resp: 1365

Ion	Ratio	Lower	Upper
266	100		
264	62.9	63.4	95.0#
268	67.7	65.8	98.8



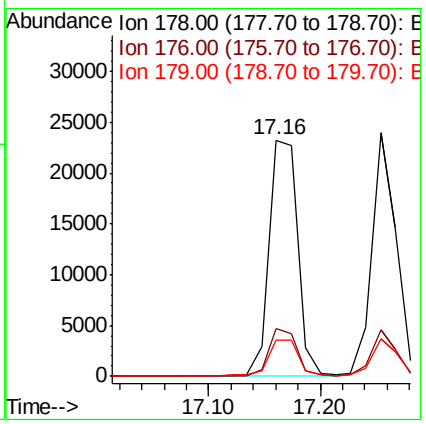


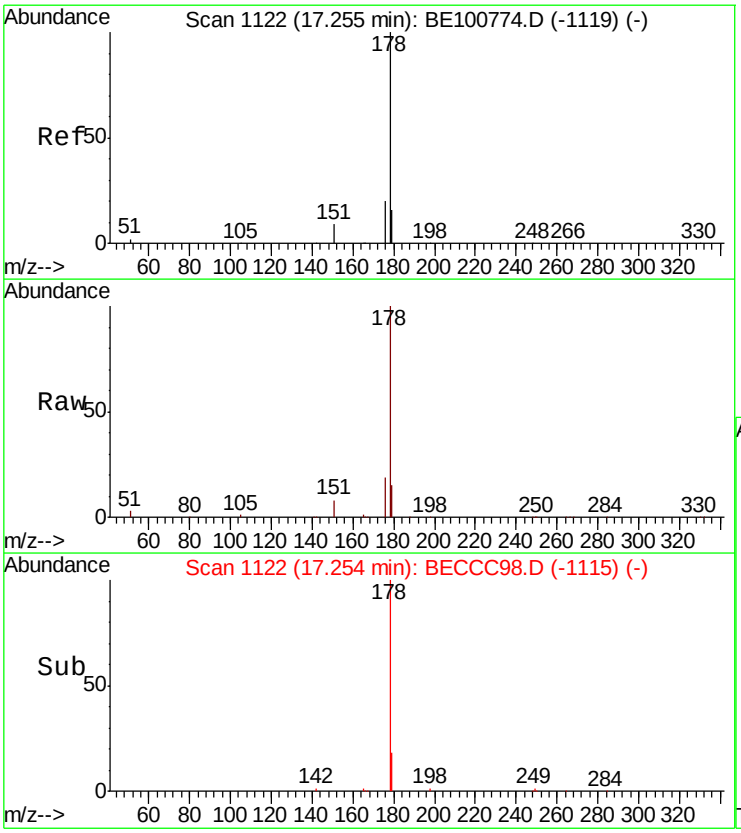
#23
Phenanthrene
Concen: 0.377 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 41592

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.3	12.3	18.5

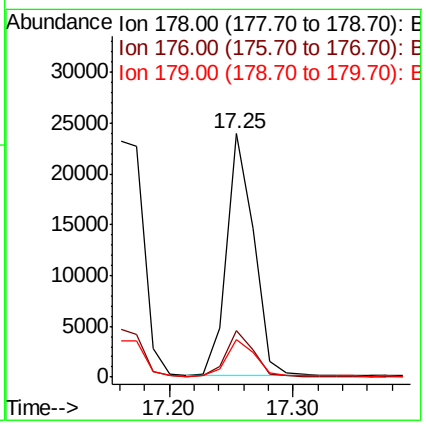


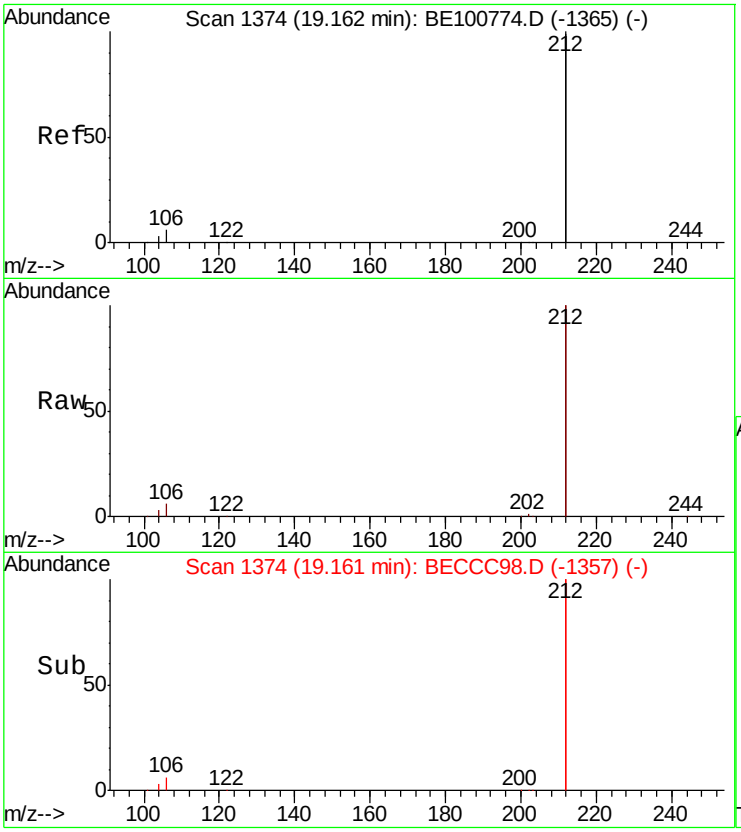


#24
Anthracene
Concen: 0.391 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion:178 Resp: 36080

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.4	12.7	19.1



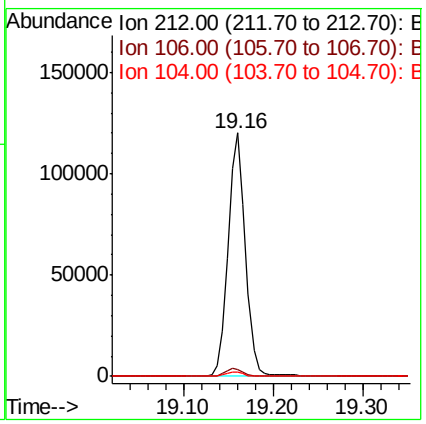


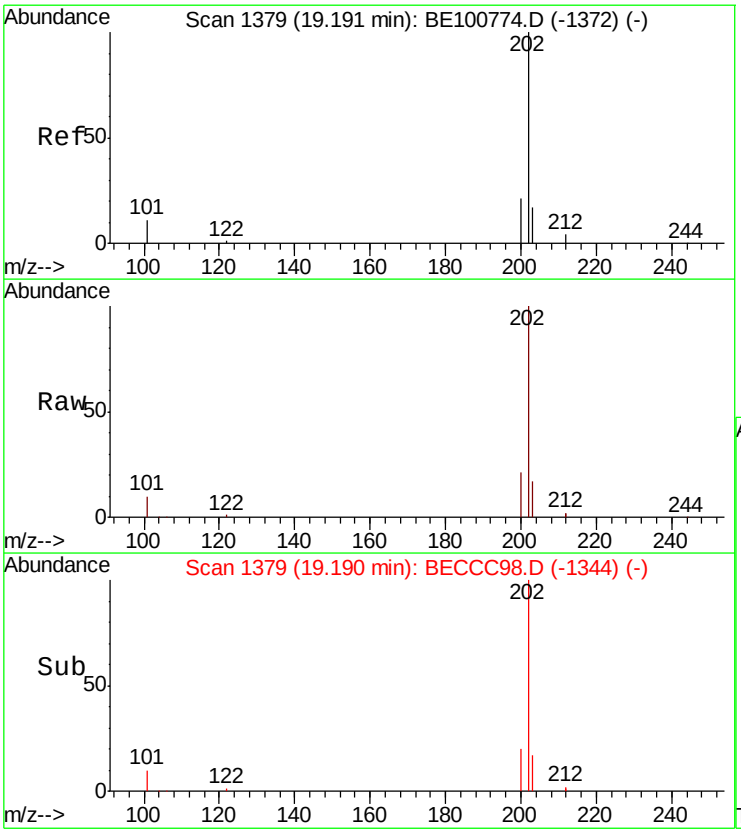
#25
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 156719

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.9	1.4	2.2

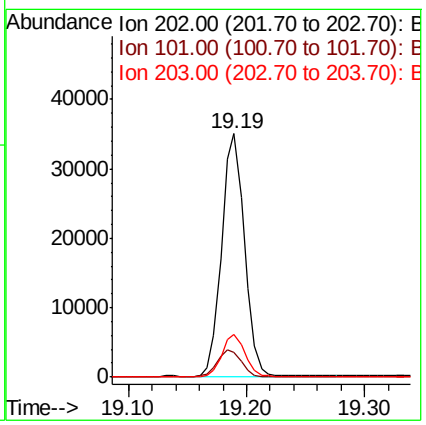


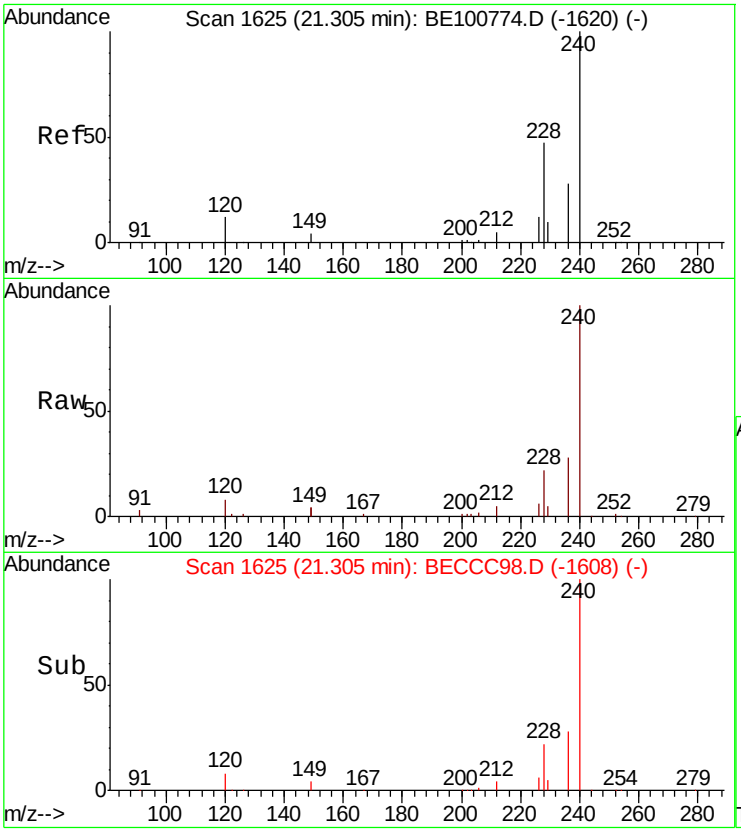


#26
Fluoranthene
Concen: 0.355 ng
RT: 19.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion:202 Resp: 46767

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.1	13.7
203	17.1	13.8	20.6



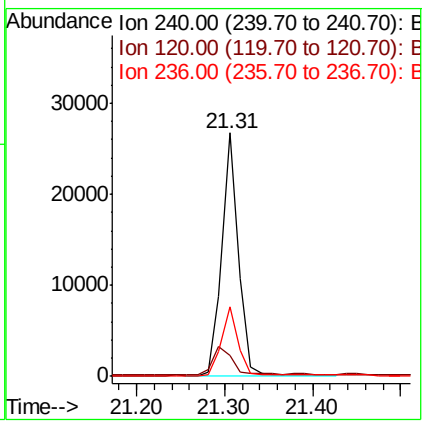


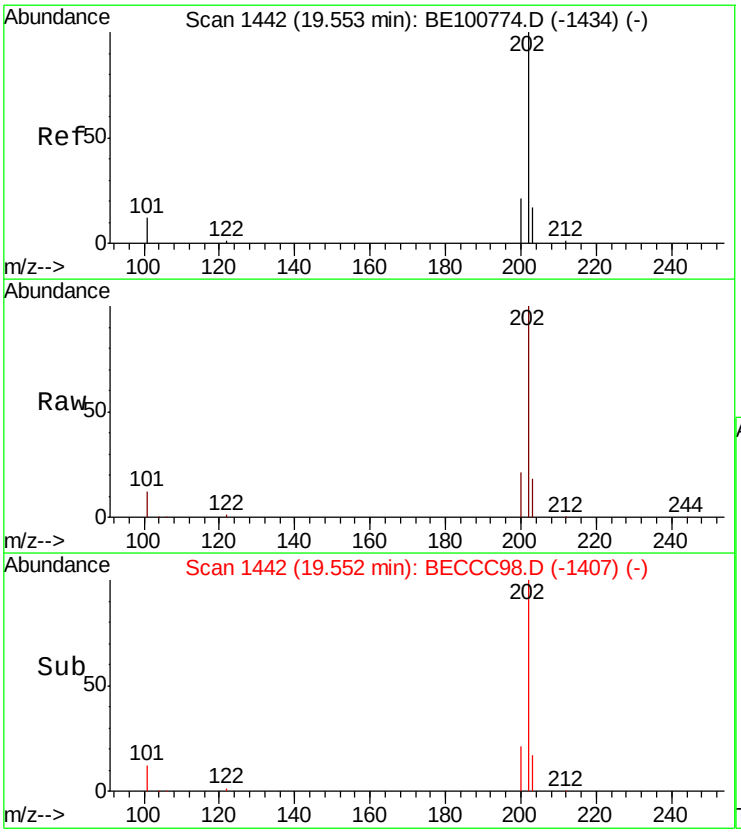
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 34839

Ion	Ratio	Lower	Upper
240	100		
120	8.4	10.2	15.2#
236	28.4	22.3	33.5

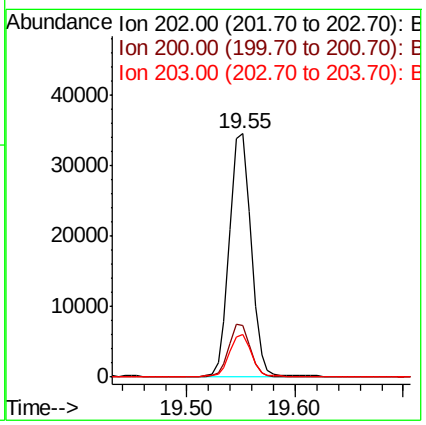


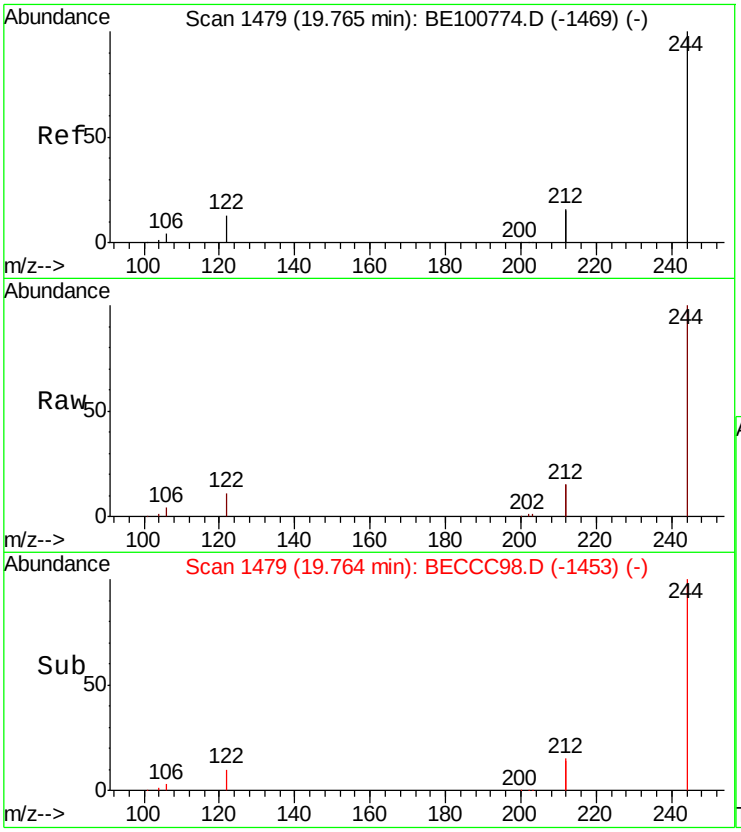


#28
Pyrene
Concen: 0.418 ng
RT: 19.55 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion:202 Resp: 47370

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.4	13.9	20.9



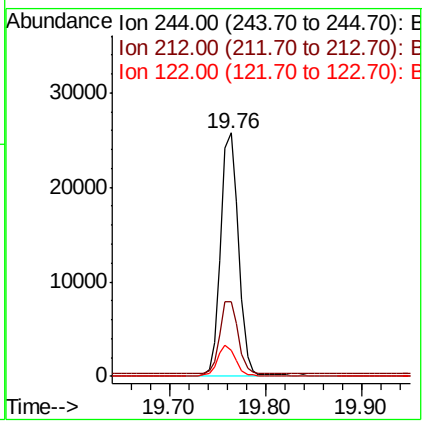


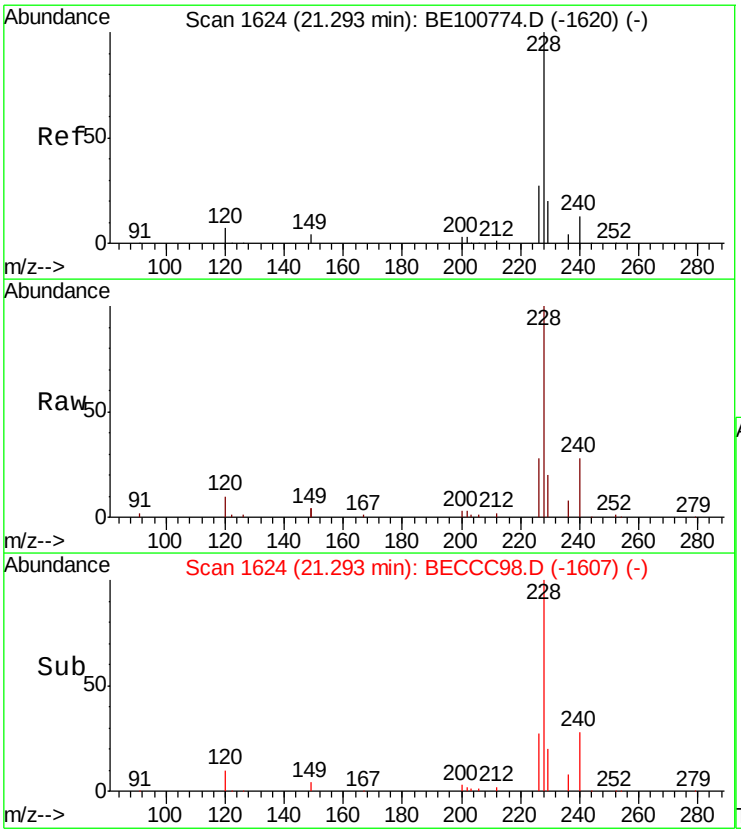
#29
Terphenyl-d14
Concen: 0.397 ng
RT: 19.76 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 33111

Ion	Ratio	Lower	Upper
244	100		
212	30.6	26.2	39.4
122	10.8	10.2	15.4

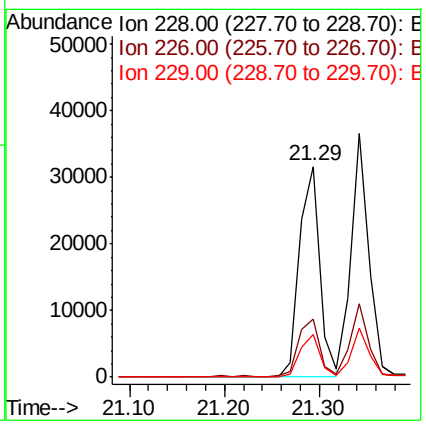


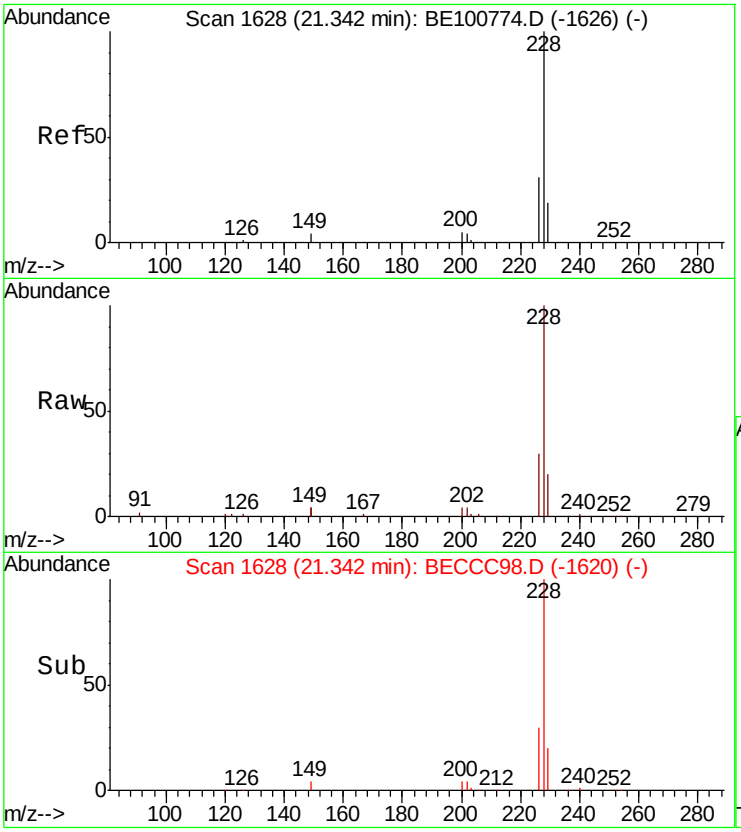


#30
Benzo(a)anthracene
Concen: 0.453 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion:228 Resp: 46534

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.5	32.3
229	20.3	16.0	24.0



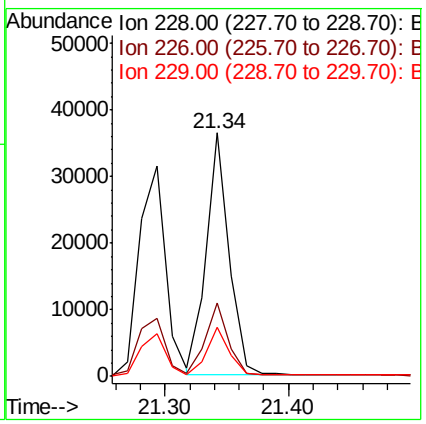


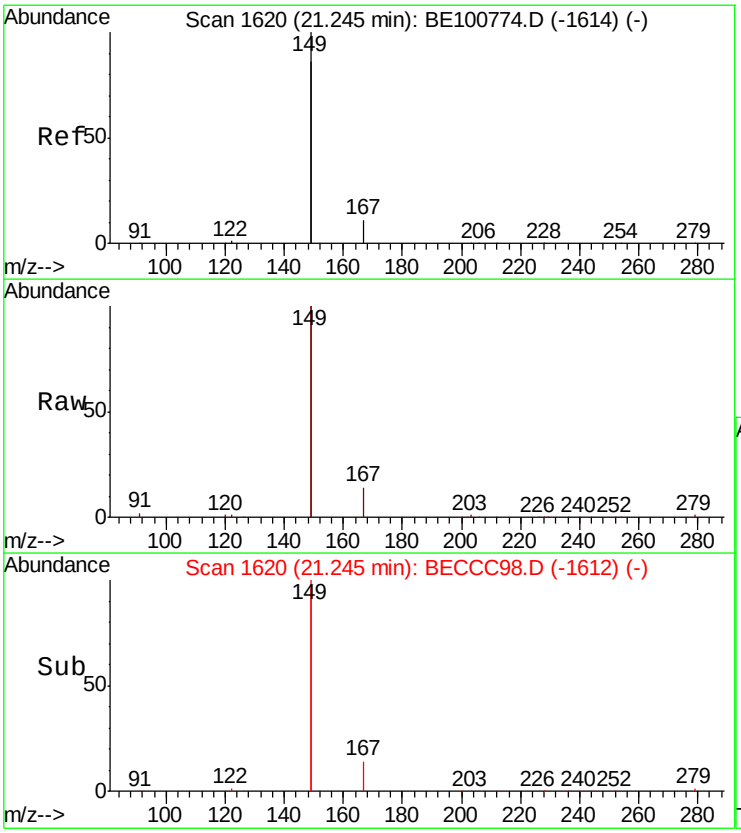
#31
Chrysene
Concen: 0.388 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 46842

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.4
229	20.0	15.4	23.2

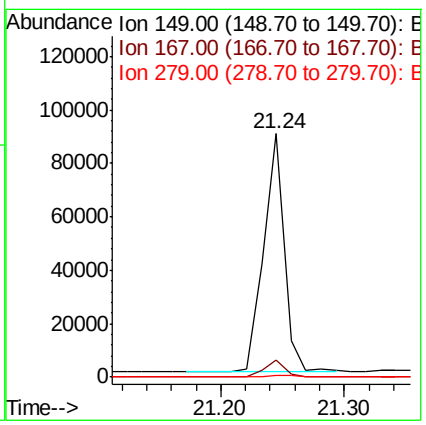


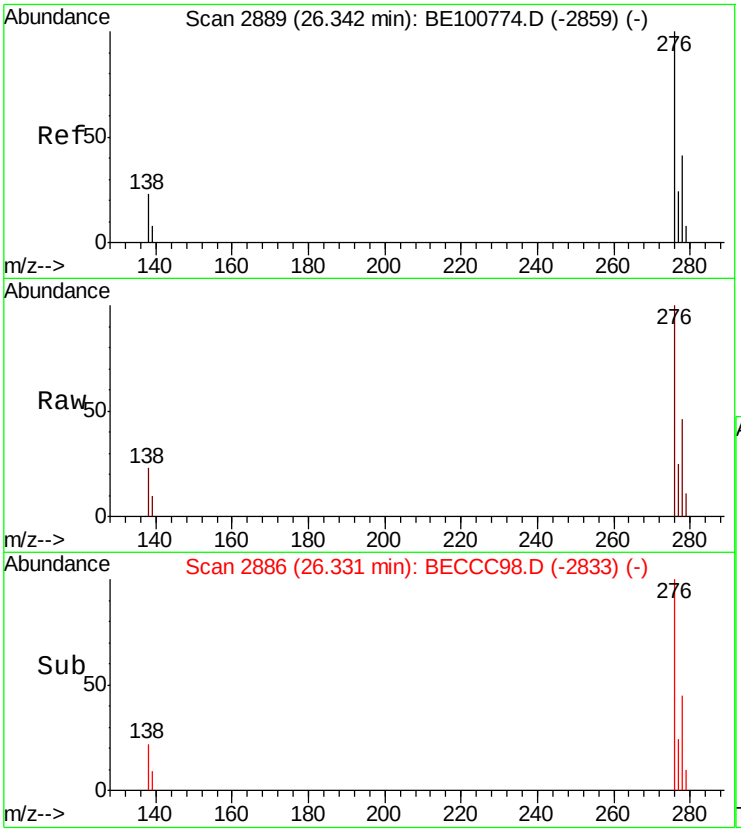


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.258 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion:149 Resp: 105563

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.0	7.6
279	0.8	0.7	1.1



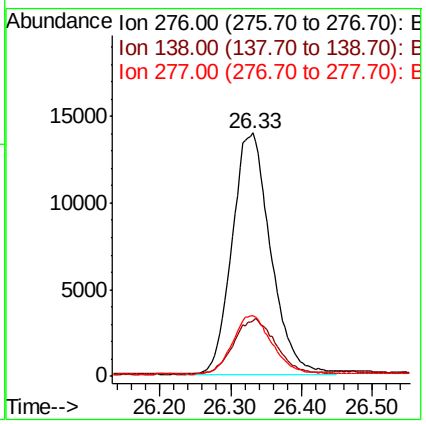


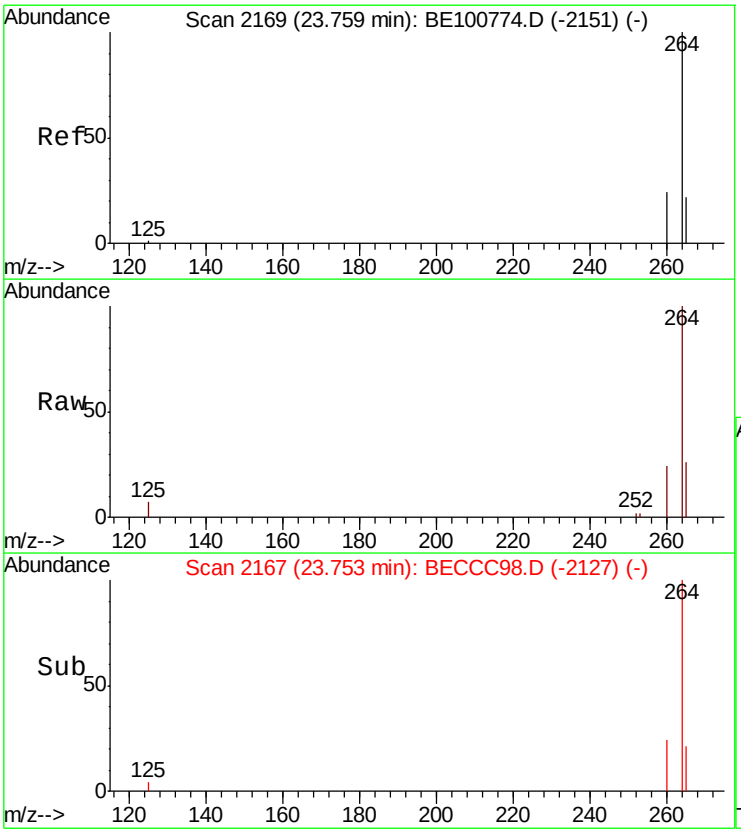
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.503 ng
RT: 26.33 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 52826

Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.4	29.0
277	24.8	19.8	29.6

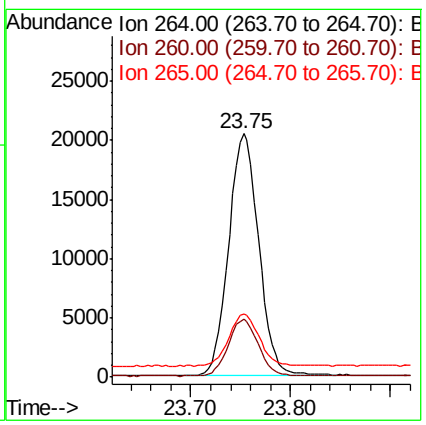


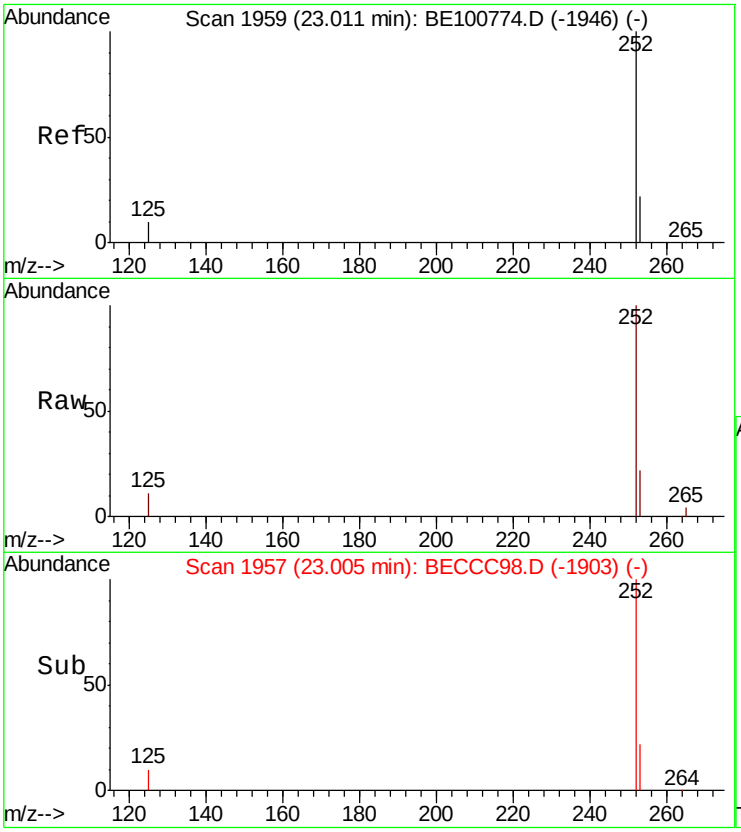


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion:264 Resp: 43048

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	26.1	21.8	32.8



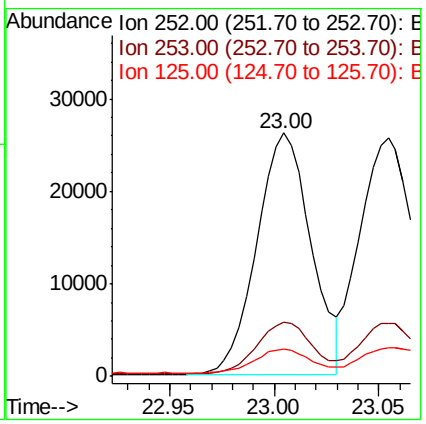


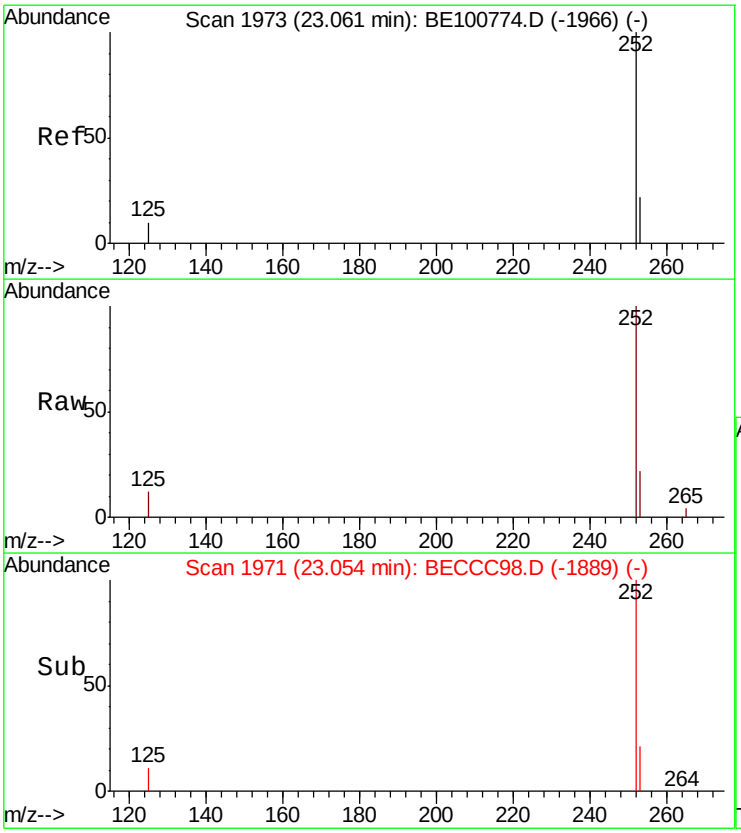
#35
Benzo(b)fluoranthene
Concen: 0.398 ng
RT: 23.00 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 46954

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.4	9.0	13.4

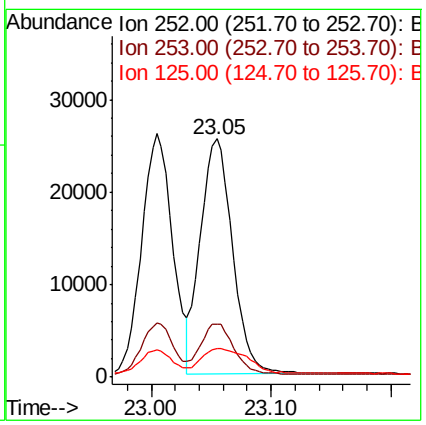


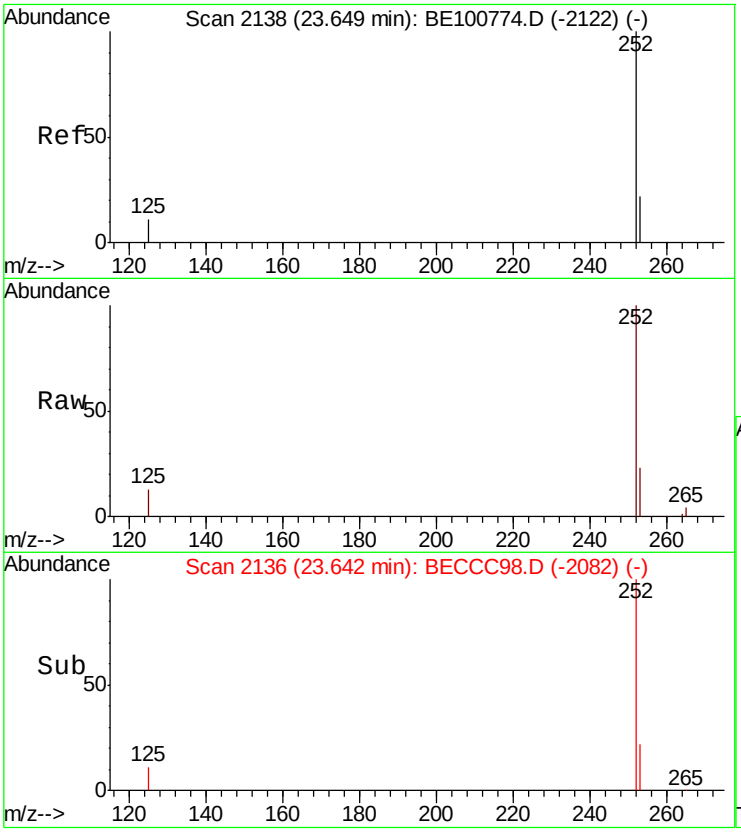


#36
Benzo(k)fluoranthene
Concen: 0.359 ng
RT: 23.05 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion:252 Resp: 47432

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	12.2	8.7	13.1



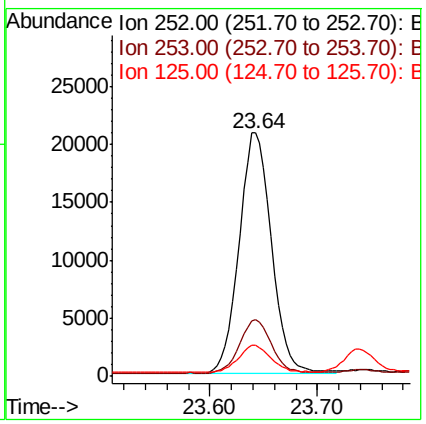


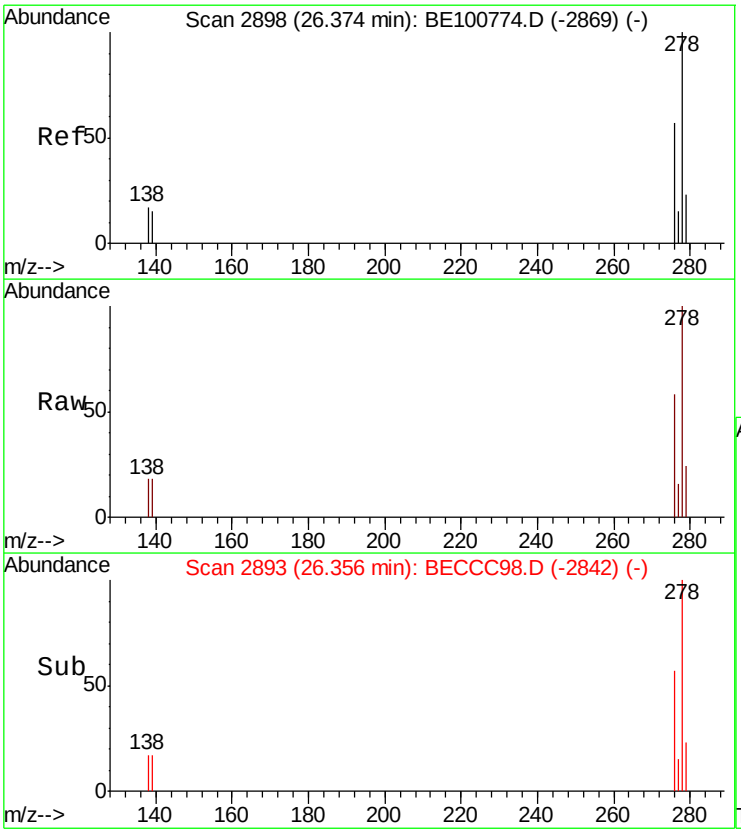
#37
Benzo(a)pyrene
Concen: 0.426 ng
RT: 23.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 43448

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	12.7	10.4	15.6

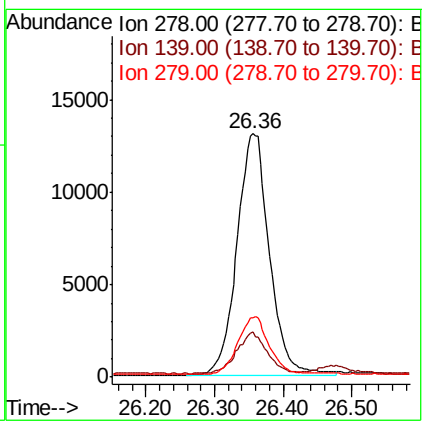


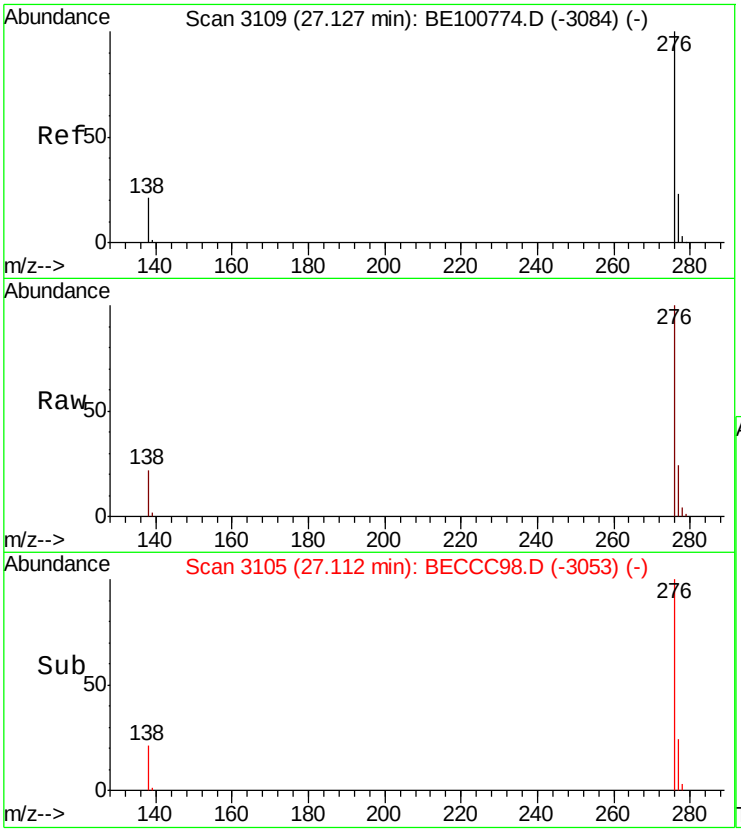


#38
Dibenzo(a,h)anthracene
Concen: 0.422 ng
RT: 26.36 min Scan# 2893
Delta R.T. -0.02 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion:278 Resp: 42850

Ion	Ratio	Lower	Upper
278	100		
139	18.4	13.0	19.4
279	24.1	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 0.404 ng
RT: 27.11 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 43890

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.3	28.9
138	22.3	17.8	26.6