Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
Data File : BECCC95.D
Acq On : 13 Dec 2019 20:49
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 14 03:08:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 10:42:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4705	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	21655	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	11897	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	27238	0.40	ng		0.00
27) Chrysene-d12	21.31	240	23311	0.40	ng		0.00
34) Perylene-d12	23.74	264	26726	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	5208	0.47	ng		-0.01
5) Phenol-d6	6.93	99	7869	0.47	ng		0.00
8) Nitrobenzene-d5	8.90	82	5789	0.56	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	13386	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	876	0.66	ng		-0.01
15) 2-Fluorobiphenyl	13.01	172	19182	0.41	ng		0.00
25) Fluoranthene-d10	19.16	212	116180	0.36	ng		0.00
29) Terphenyl-d14	19.76	244	23647	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	4064	0.474	ng		99
3) n-Nitrosodimethylamine	3.65	42	3015	0.432	ng	#	99
6) bis(2-Chloroethyl)ether	7.18	93	7152	0.439	ng		94
9) Naphthalene	10.59	128	101460	0.441	ng		99
10) Hexachlorobutadiene	10.89	225	3758	0.419	ng		99
12) 2-Methylnaphthalene	12.21	142	15921	0.443	ng		99
16) Acenaphthylene	14.11	152	21915	0.445	ng		99
17) Acenaphthene	14.46	154	14997	0.442	ng		100
18) Fluorene	15.42	166	19405	0.444	ng		99
20) 4-Bromophenyl-phenylether	16.32	248	5510	0.412	ng		96
21) Hexachlorobenzene	16.44	284	6259	0.431	ng		98
22) Pentachlorophenol	16.79	266	661	0.658	ng		95
23) Phenanthrene	17.16	178	35316	0.428	ng		99
24) Anthracene	17.25	178	27700	0.401	ng		100
26) Fluoranthene	19.18	202	36733	0.373	ng		99
28) Pyrene	19.54	202	36072	0.476	ng		100
30) Benzo(a)anthracene	21.28	228	30970	0.451	ng		100
31) Chrysene	21.34	228	36313	0.450	ng		96
32) Bis(2-ethylhexyl)phthalate	21.23	149	31966	0.652	ng		99
33) Indeno(1,2,3-cd)pyrene	26.31	276	31403	0.447	ng		100
35) Benzo(b)fluoranthene	23.00	252	29491	0.403	ng		99
36) Benzo(k)fluoranthene	23.05	252	34826	0.424	ng		99
37) Benzo(a)pyrene	23.63	252	24773	0.391	ng		99
38) Dibenzo(a,h)anthracene	26.34	278	25574	0.406	ng		99
39) Benzo(g,h,i)perylene	27.10	276	27551	0.409	ng		99

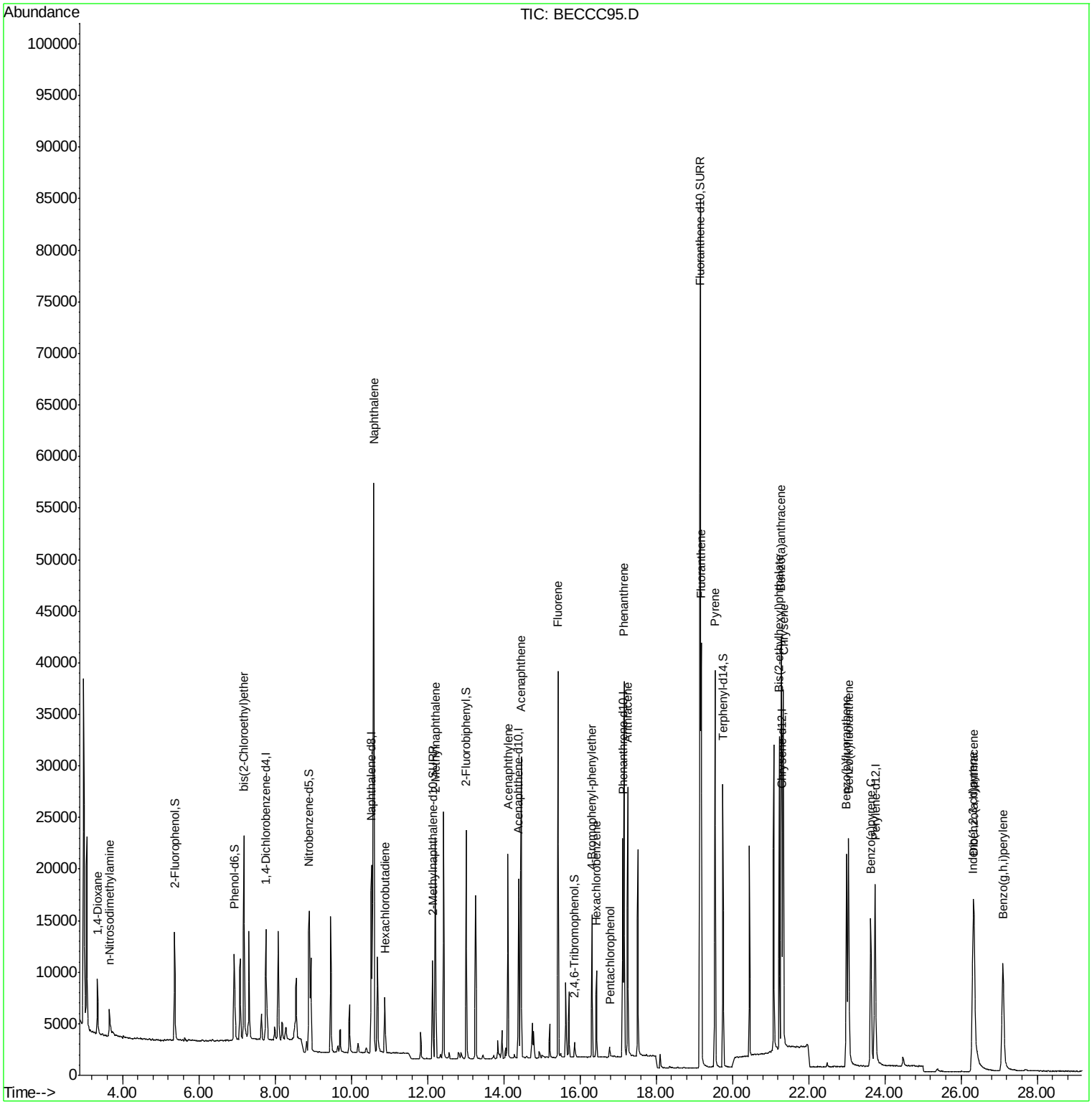
(#) = qualifier out of range (m) = manual integration (+) = signals summed

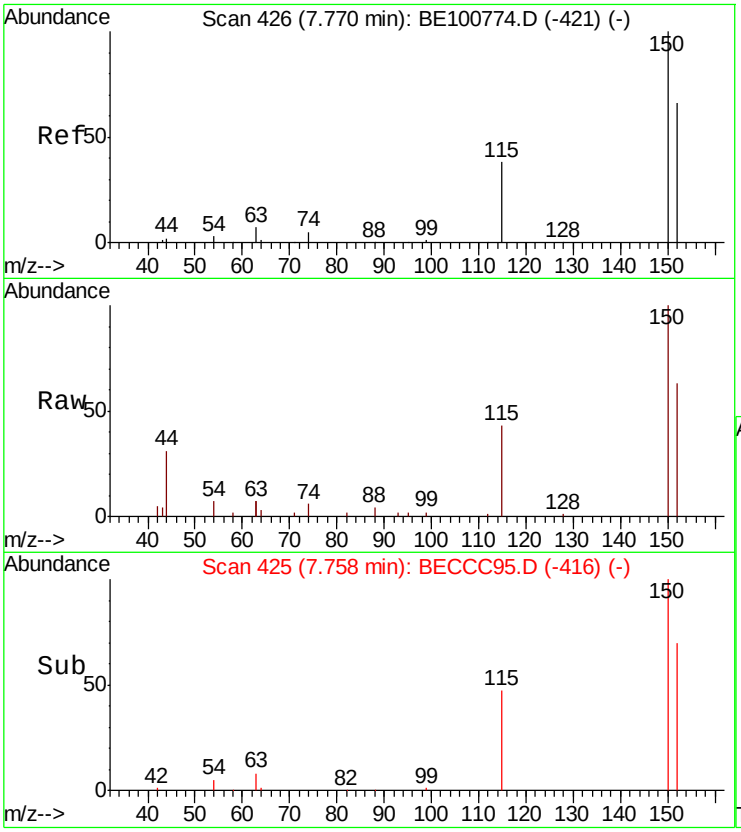
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
Data File : BECCC95.D
Acq On : 13 Dec 2019 20:49
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 14 03:08:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 10:42:38 2019
Response via : Initial Calibration



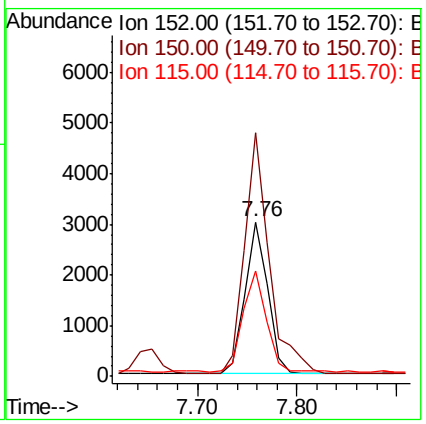


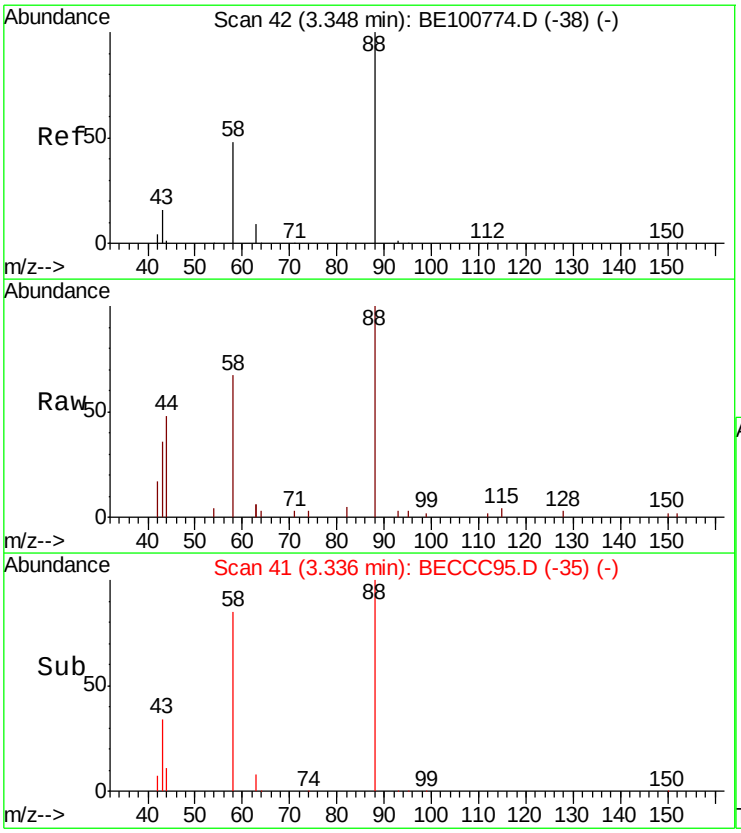
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4705

Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.5	188.3
115	68.4	55.7	83.5

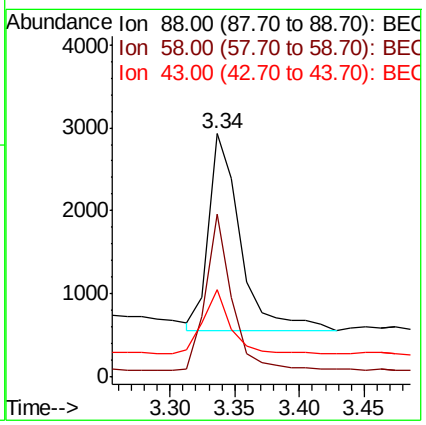


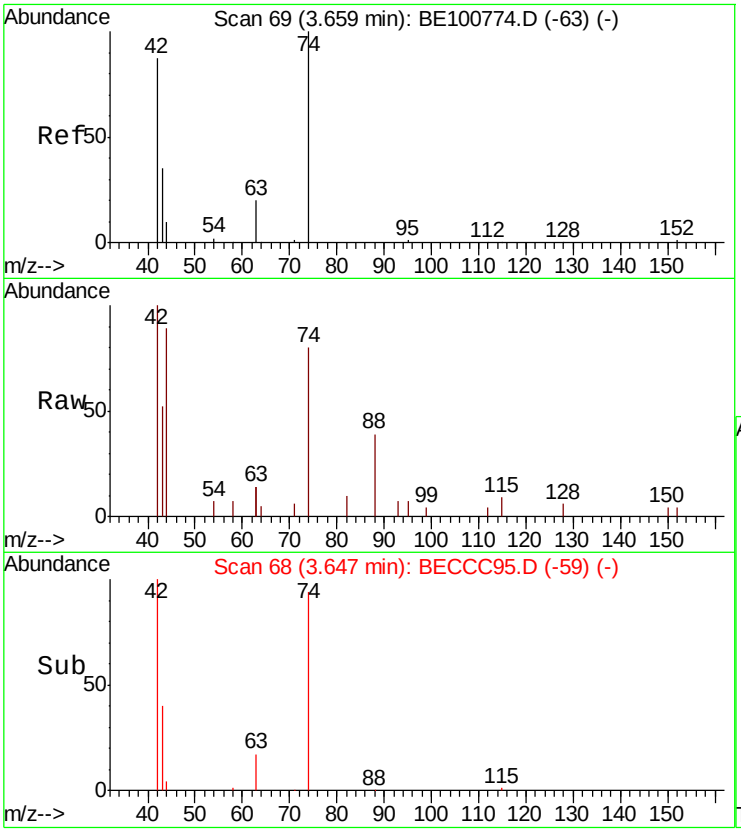


#2
1,4-Dioxane
Concen: 0.474 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Tgt Ion: 88 Resp: 4064

Ion	Ratio	Lower	Upper
88	100		
58	65.6	52.3	78.5
43	28.0	23.5	35.3



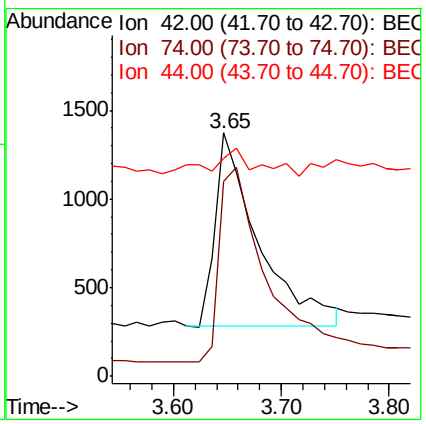


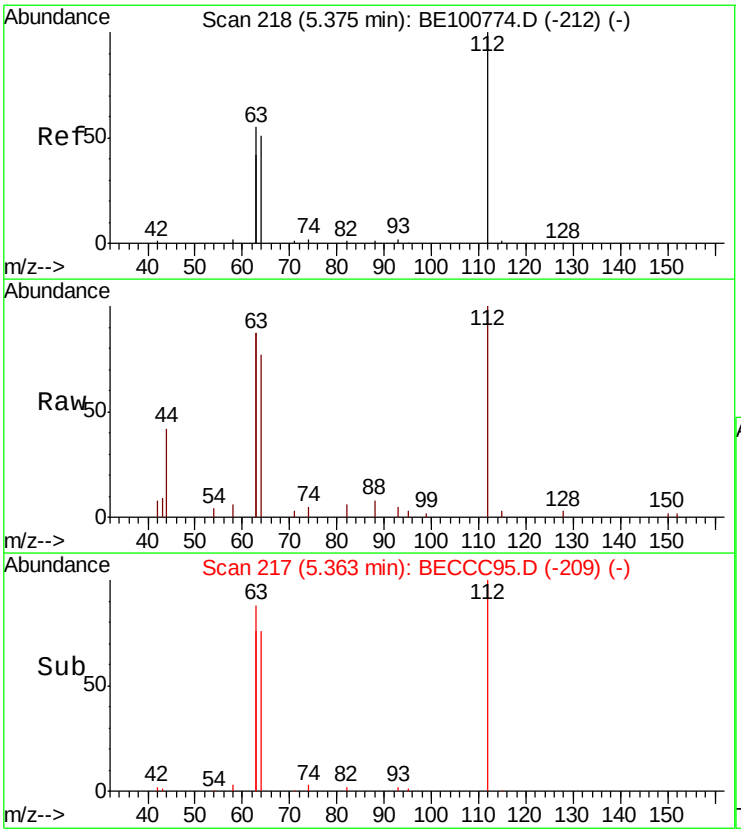
#3
n-Nitrosodimethylamine
Concen: 0.432 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3015

Ion	Ratio	Lower	Upper
42	100		
74	112.3	90.3	135.5
44	15.2	9.0	13.4#

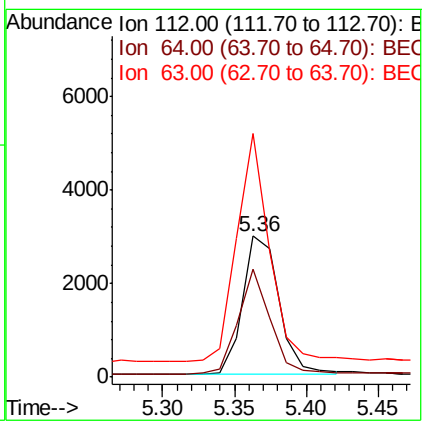


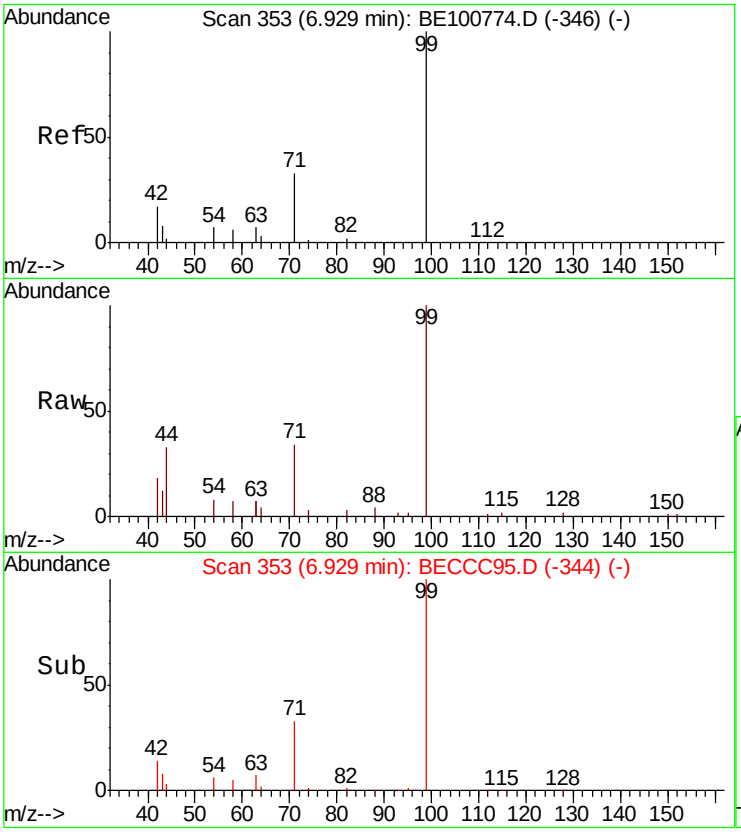


#4
2-Fluorophenol
Concen: 0.466 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.01 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Tgt Ion:112 Resp: 5208

Ion	Ratio	Lower	Upper
112	100		
64	67.1	54.5	81.7
63	149.1	116.1	174.1



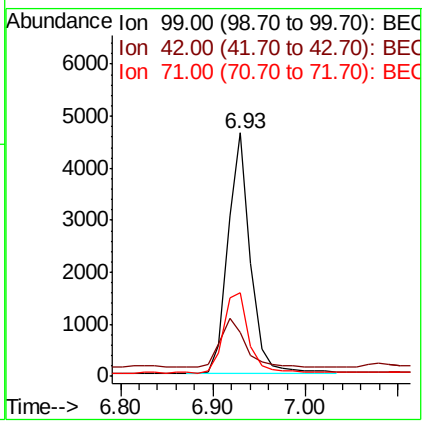


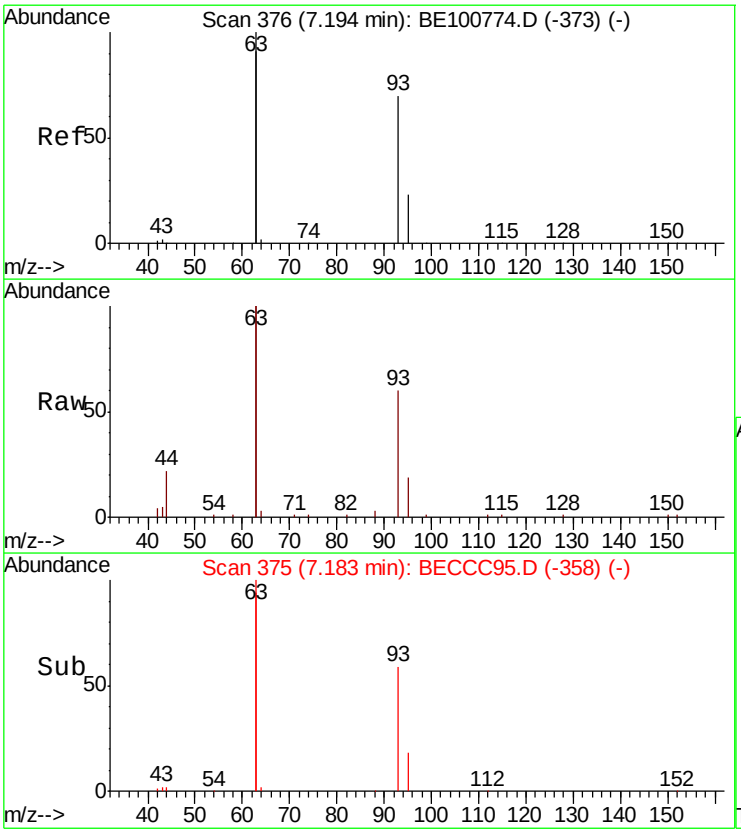
#5
Phenol-d6
Concen: 0.467 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 7869

Ion	Ratio	Lower	Upper
99	100		
42	23.0	18.2	27.2
71	37.0	29.1	43.7

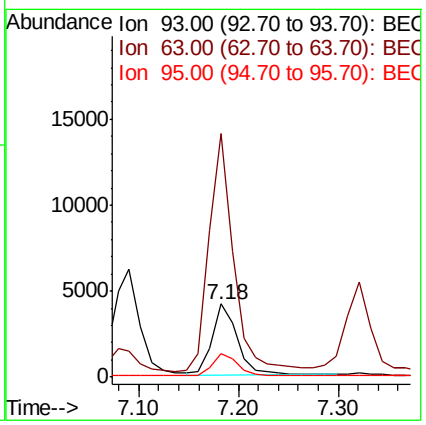


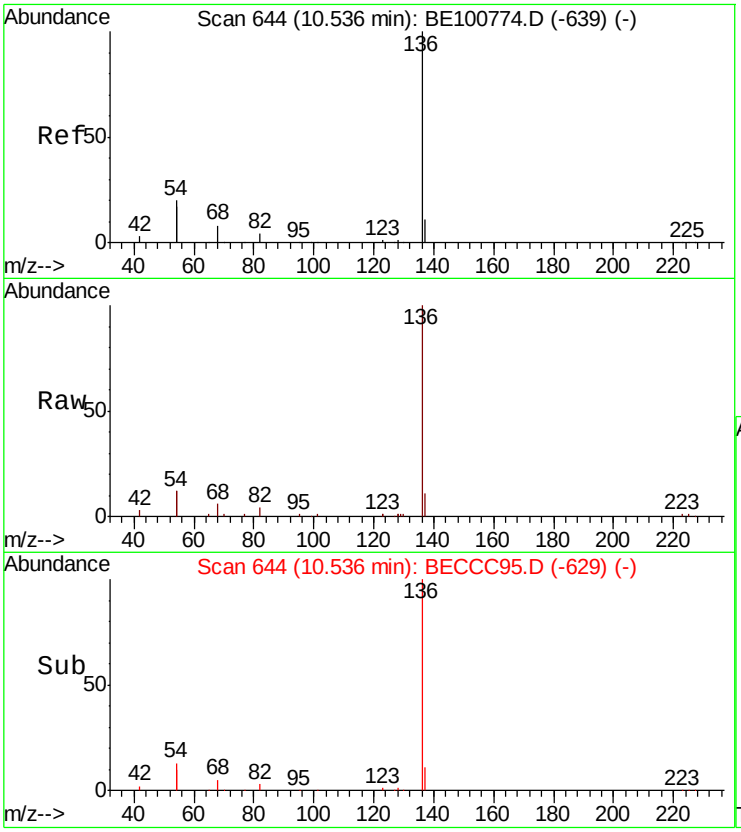


#6
bis(2-Chloroethyl)ether
Concen: 0.439 ng
RT: 7.18 min Scan# 375
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Tgt Ion: 93 Resp: 7152

Ion	Ratio	Lower	Upper
93	100		
63	330.5	253.9	380.9
95	31.9	25.0	37.6



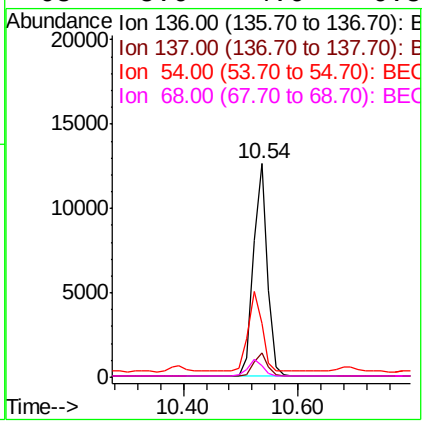


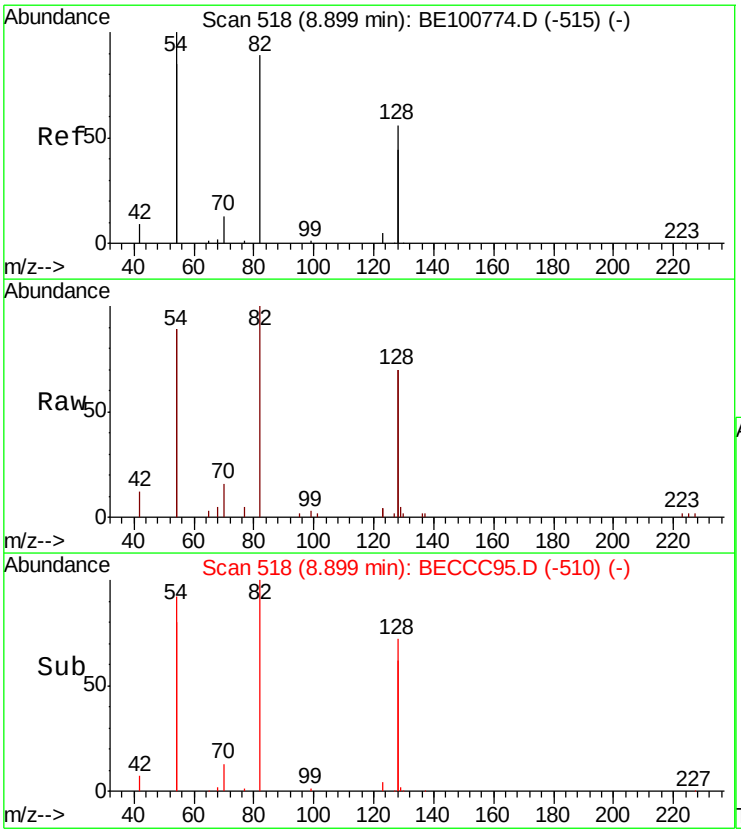
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 21655

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	24.9	18.9	28.3
68	5.6	4.6	6.8

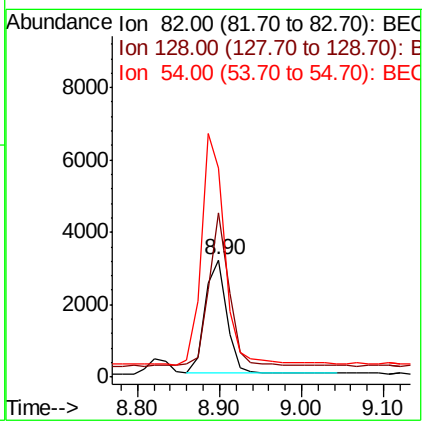


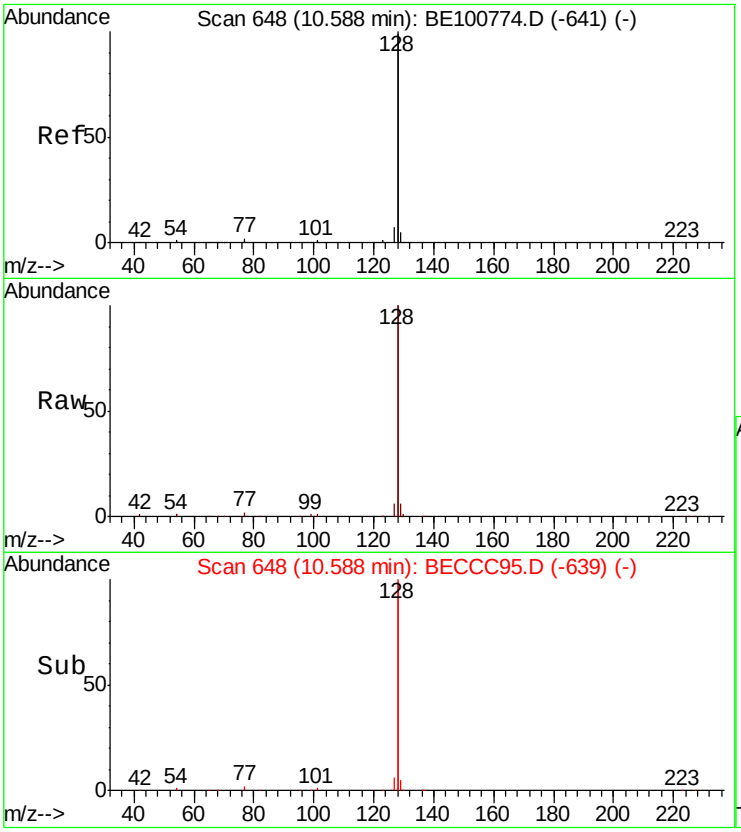


#8
Nitrobenzene-d5
Concen: 0.561 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Tgt Ion: 82 Resp: 5789

Ion	Ratio	Lower	Upper
82	100		
128	140.2	113.5	170.3
54	178.6	138.9	208.3



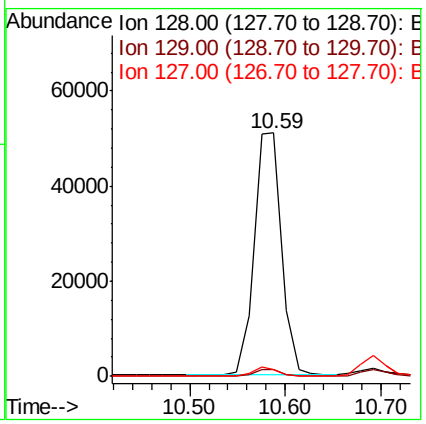


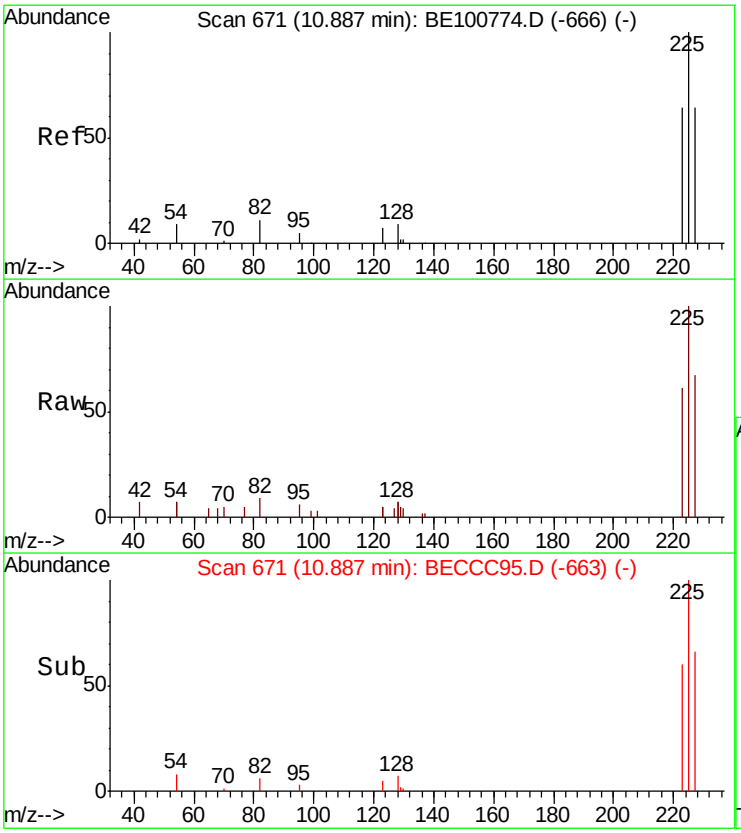
#9
Naphthalene
Concen: 0.441 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.01 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 101460

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.0	2.8	4.2

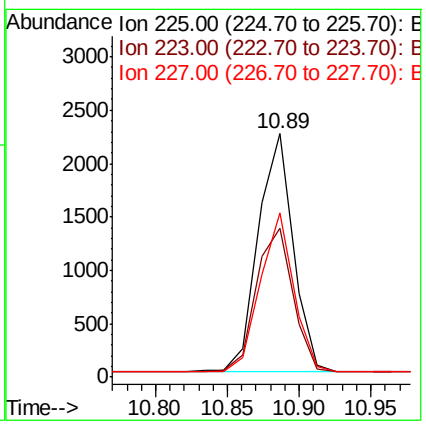


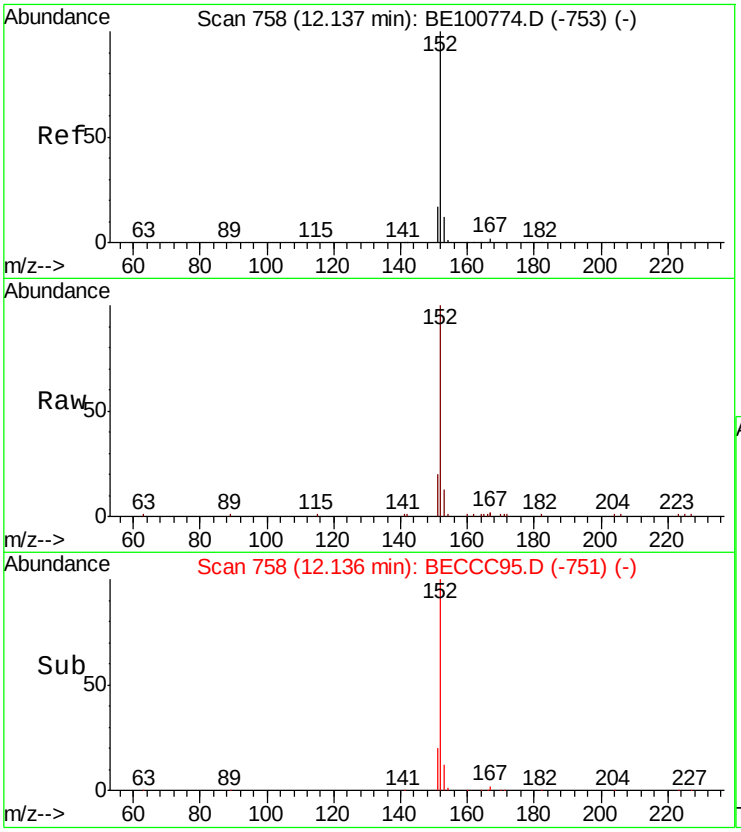


#10
Hexachlorobutadiene
Concen: 0.419 ng
RT: 10.89 min Scan# 671
Delta R.T. -0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Tgt Ion:225 Resp: 3758

Ion	Ratio	Lower	Upper
225	100		
223	63.5	52.1	78.1
227	64.5	51.1	76.7



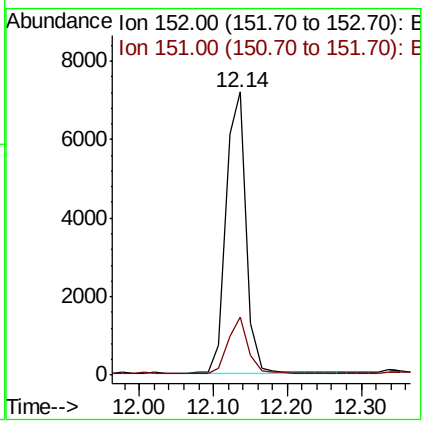


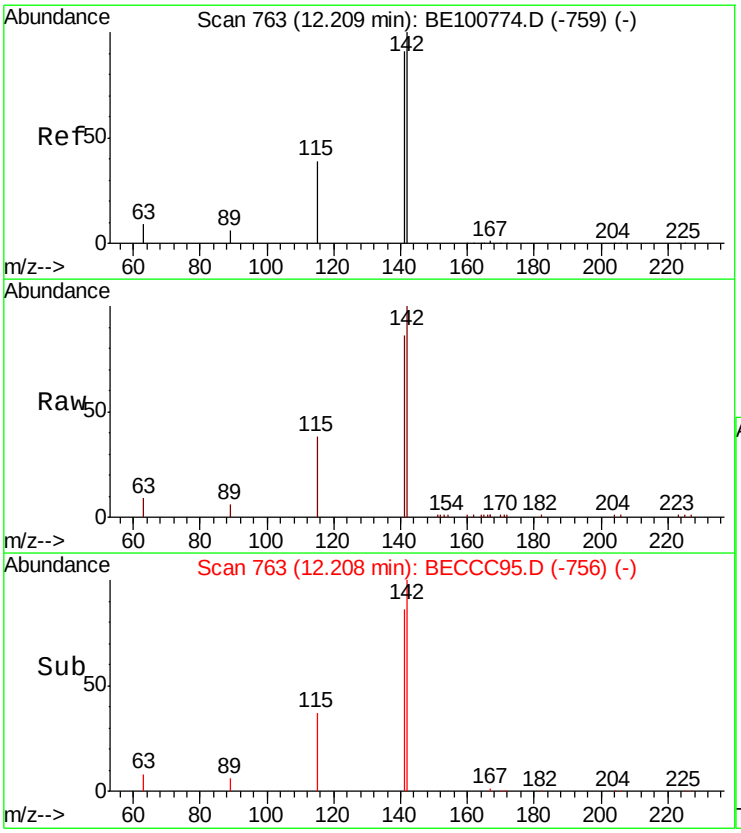
#11
2-Methylnaphthalene-d10
Concen: 0.427 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 13386

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.1	22.7

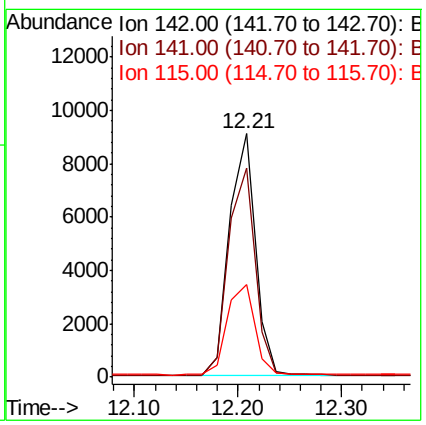


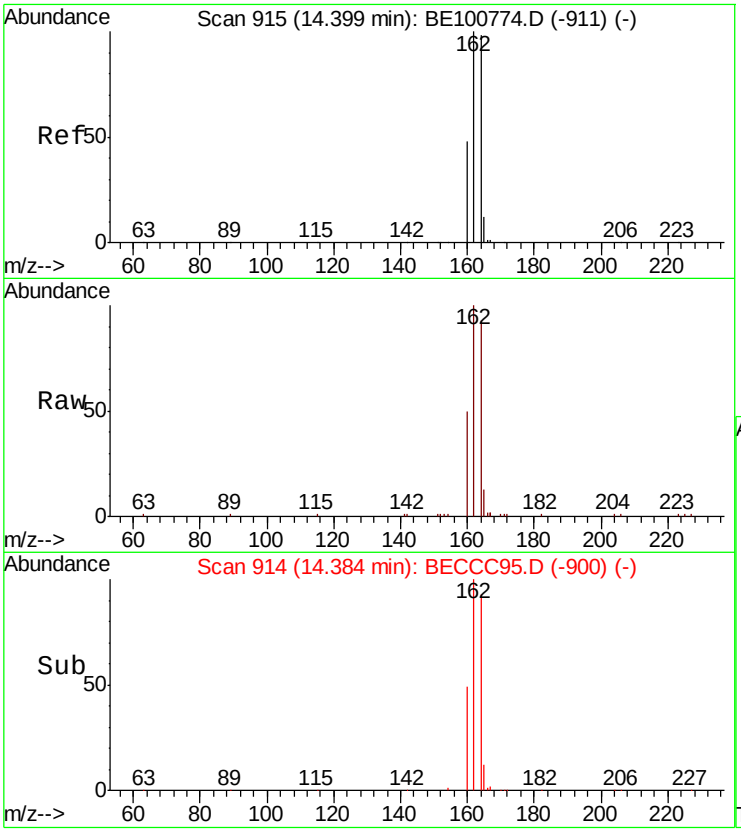


#12
2-Methylnaphthalene
Concen: 0.443 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Tgt Ion:142 Resp: 15921

Ion	Ratio	Lower	Upper
142	100		
141	86.0	68.9	103.3
115	38.0	29.5	44.3



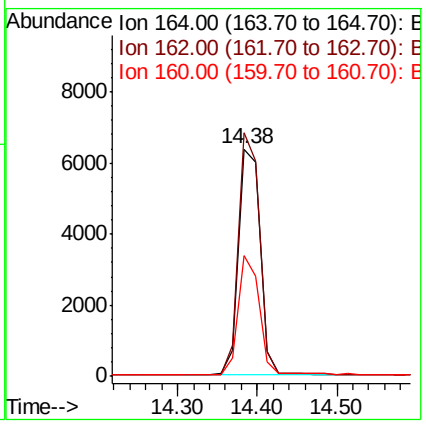


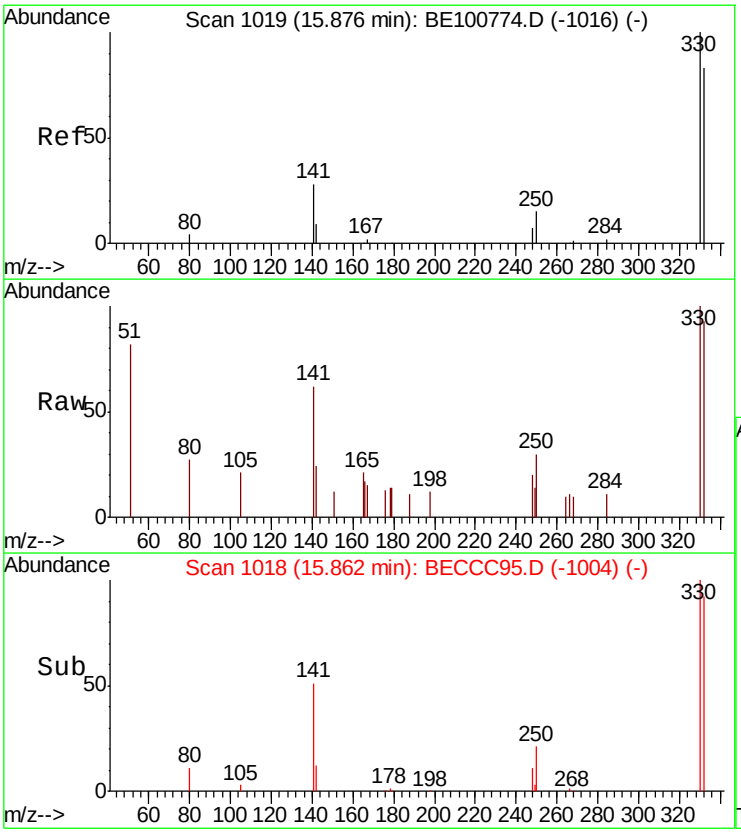
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 11897

Ion	Ratio	Lower	Upper
164	100		
162	107.2	86.0	129.0
160	53.2	42.3	63.5

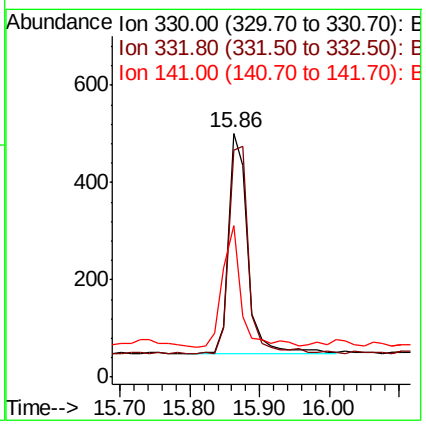


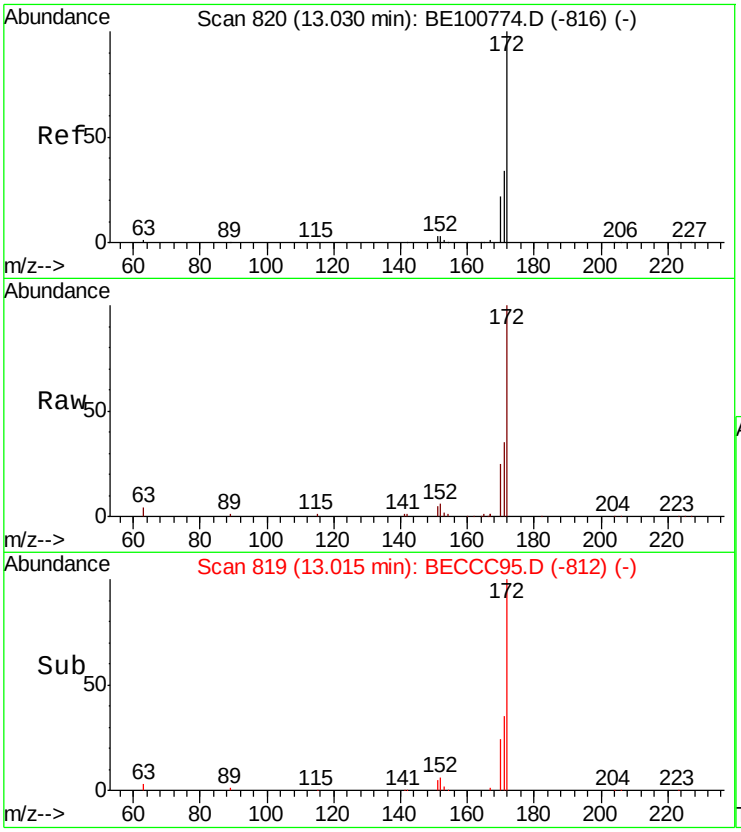


#14
2,4,6-Tribromophenol
Concen: 0.662 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Tgt Ion:330 Resp: 876

Ion	Ratio	Lower	Upper
330	100		
332	95.8	74.1	111.1
141	51.9	46.7	70.1



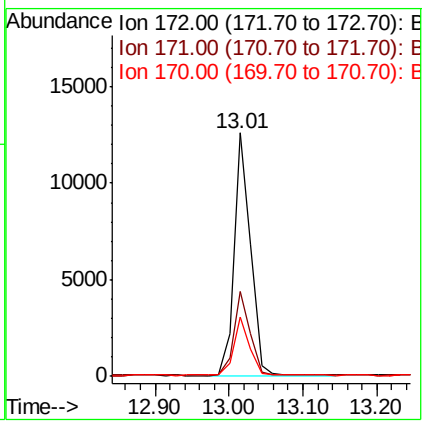


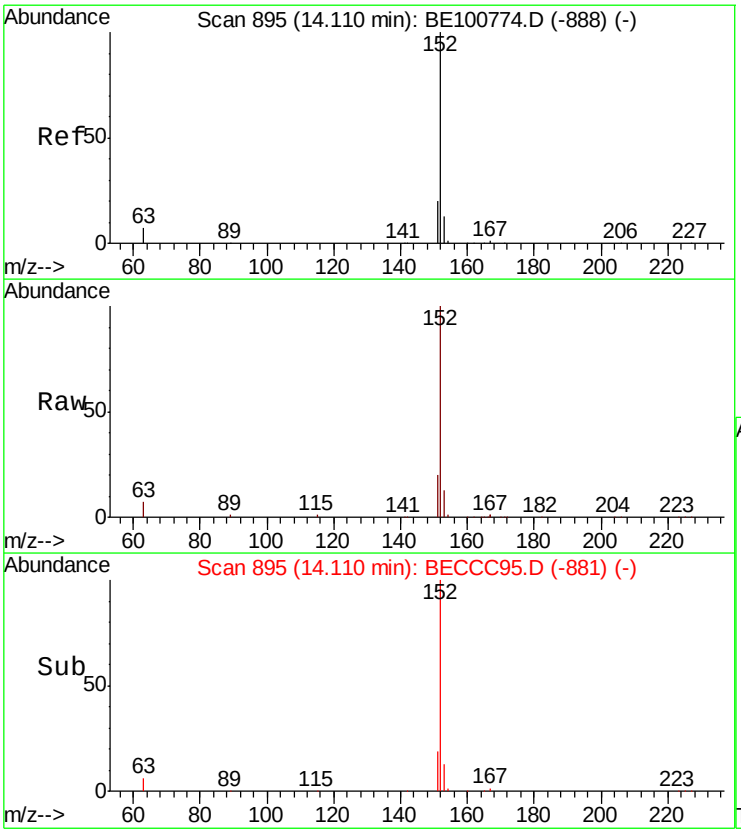
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.01 min Scan# 819
Delta R.T. -0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 19182

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.4
170	24.6	19.4	29.0

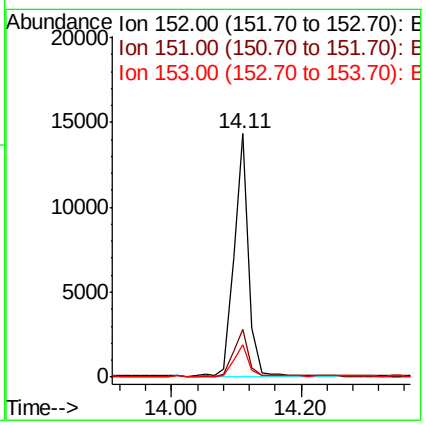


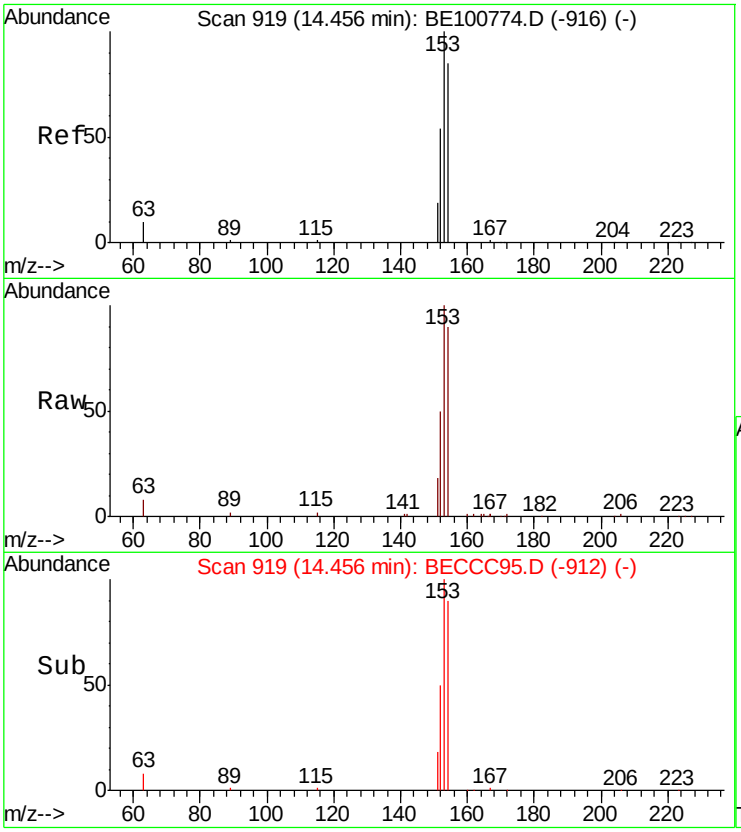


#16
Acenaphthylene
Concen: 0.445 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Tgt Ion:152 Resp: 21915

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	12.9	10.5	15.7



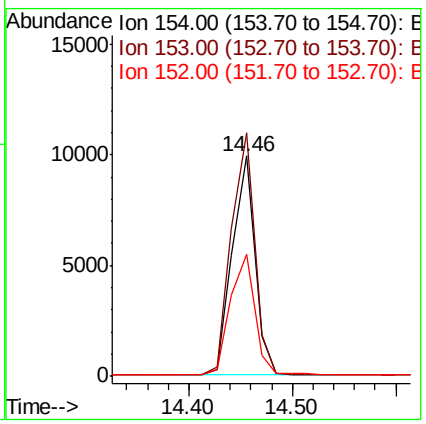


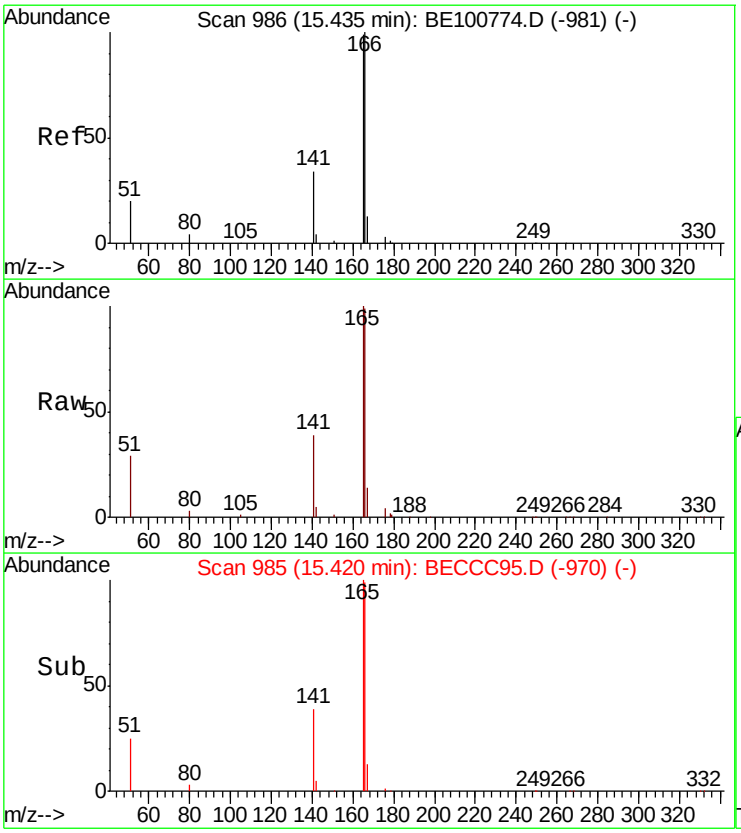
#17
Acenaphthene
Concen: 0.442 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 14997

Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.5	137.3
152	59.4	47.7	71.5

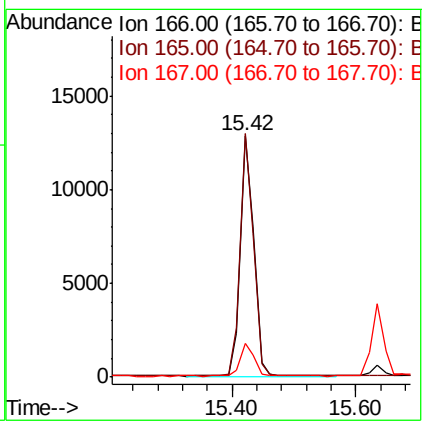


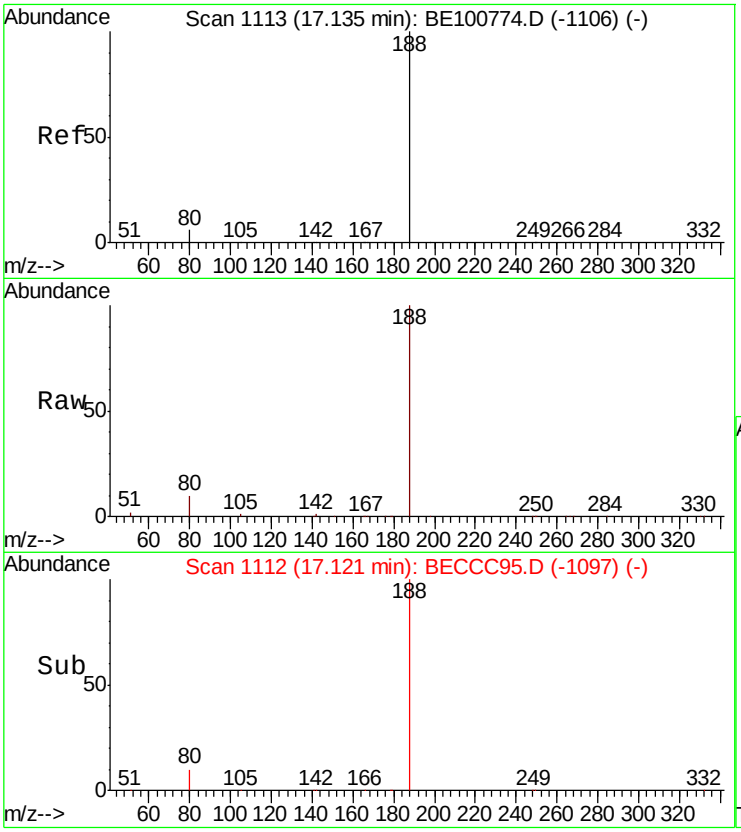


#18
Fluorene
Concen: 0.444 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Tgt Ion:166 Resp: 19405

Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.2	120.4
167	13.8	10.6	16.0



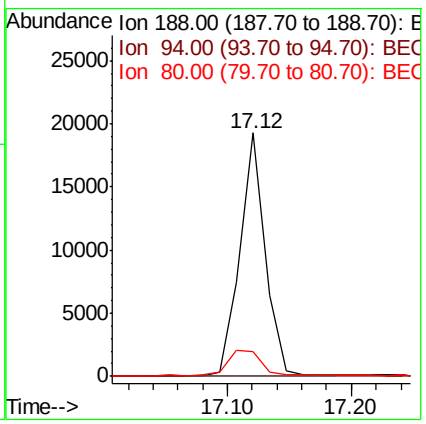


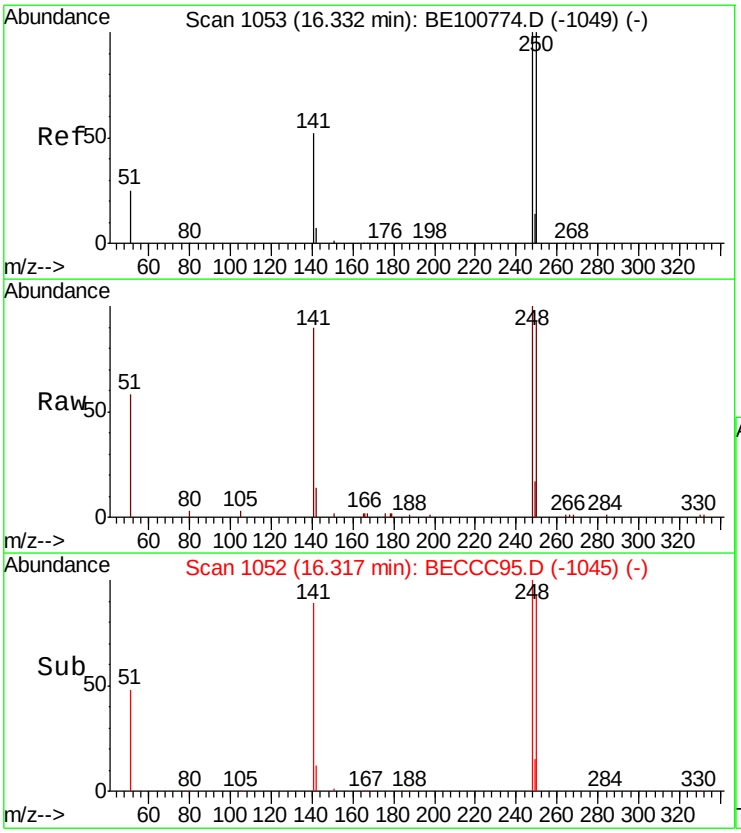
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 27238

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	7.9	11.9

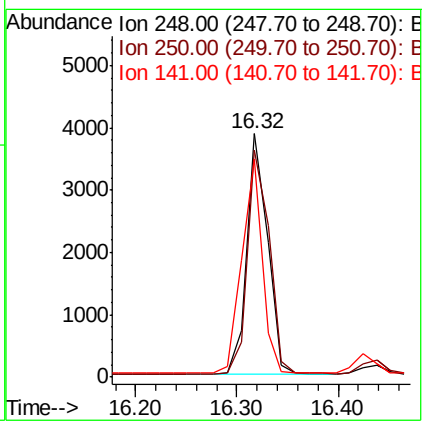


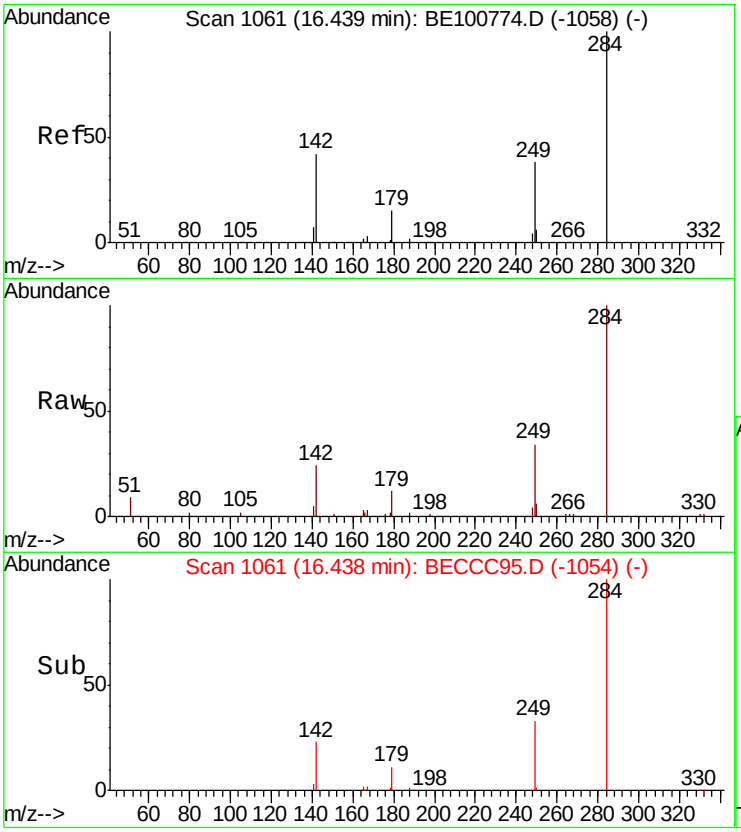


#20
4-Bromophenyl-phenylether
Concen: 0.412 ng
RT: 16.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Tgt Ion:248 Resp: 5510

Ion	Ratio	Lower	Upper
248	100		
250	93.2	72.4	108.6
141	89.6	68.2	102.2



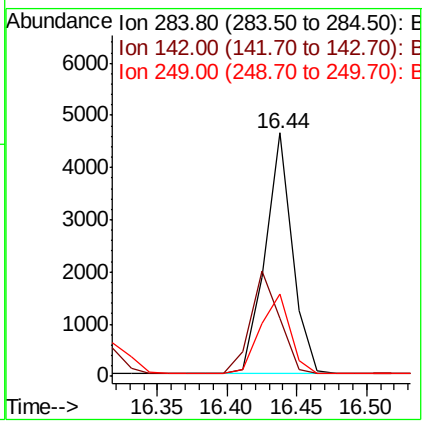


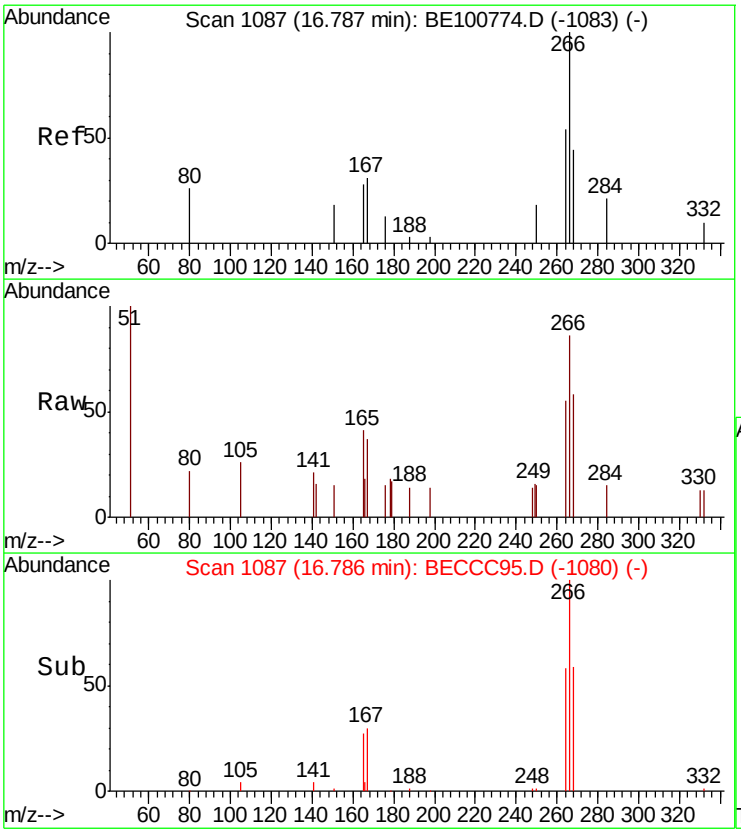
#21
Hexachlorobenzene
Concen: 0.431 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 6259

Ion	Ratio	Lower	Upper
284	100		
142	44.6	35.0	52.4
249	36.1	28.1	42.1

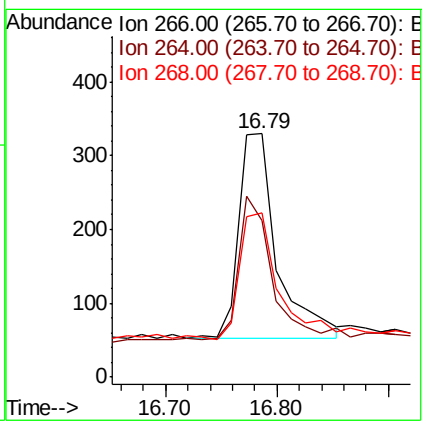


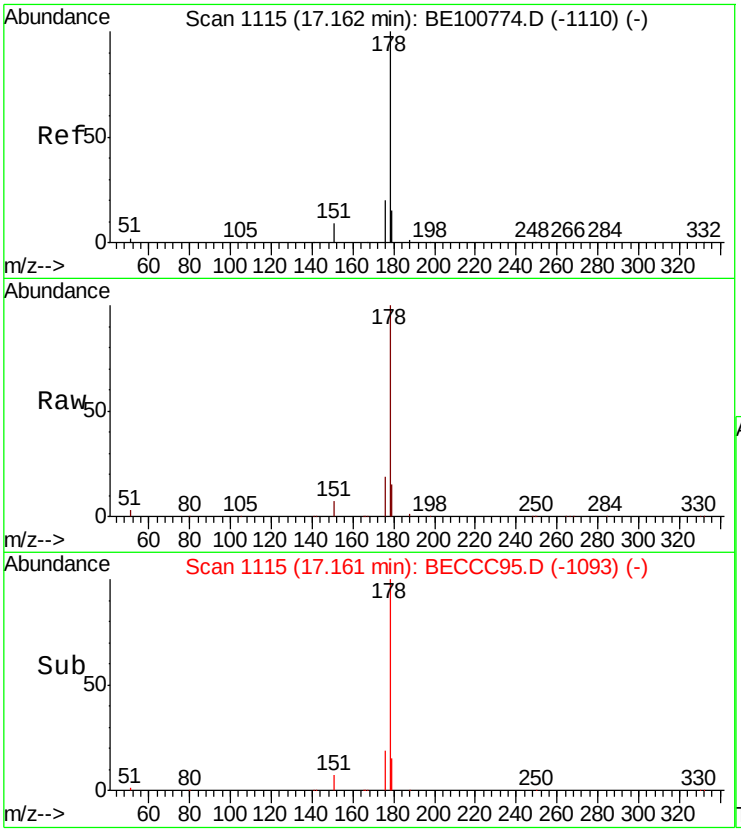


#22
Pentachlorophenol
Concen: 0.658 ng
RT: 16.79 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Tgt Ion:266 Resp: 661

Ion	Ratio	Lower	Upper
266	100		
264	64.5	55.1	82.7
268	67.6	50.7	76.1



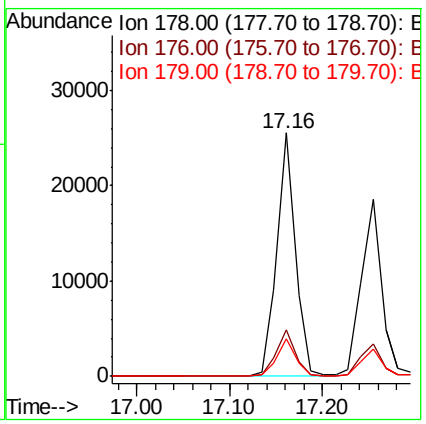


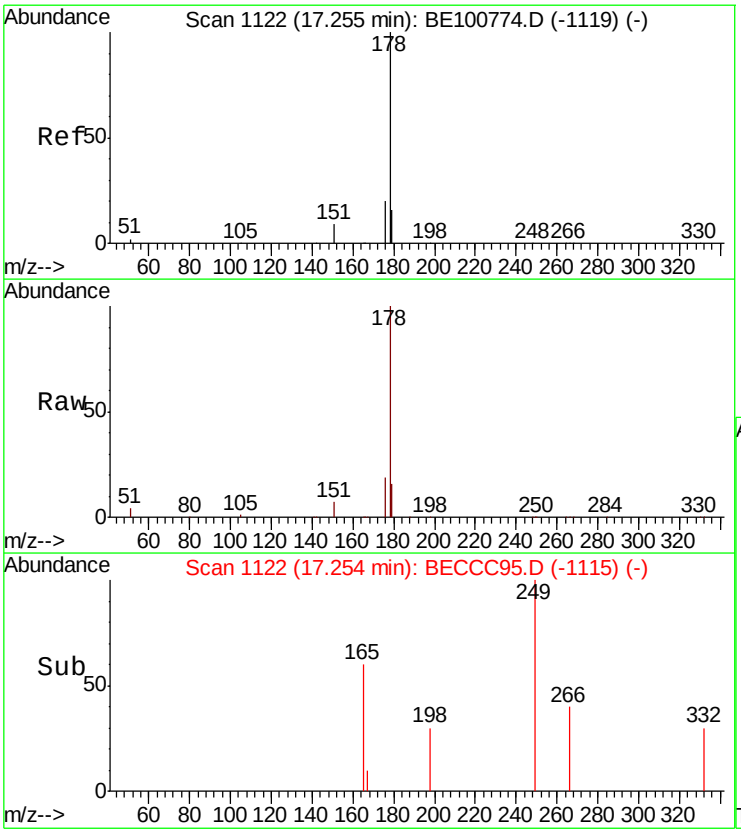
#23
Phenanthrene
Concen: 0.428 ng
RT: 17.16 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 35316

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.2	11.9	17.9

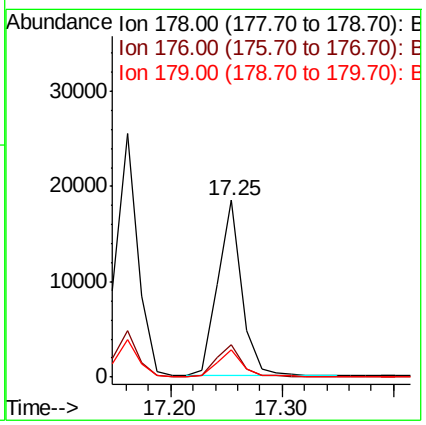


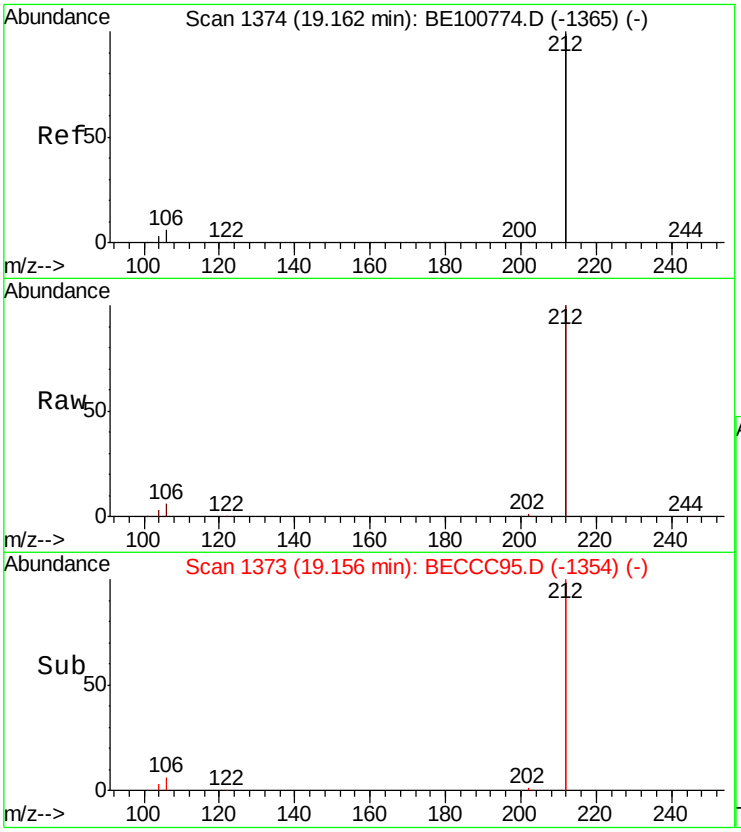


#24
Anthracene
Concen: 0.401 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Tgt Ion:178 Resp: 27700

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.3	12.2	18.4



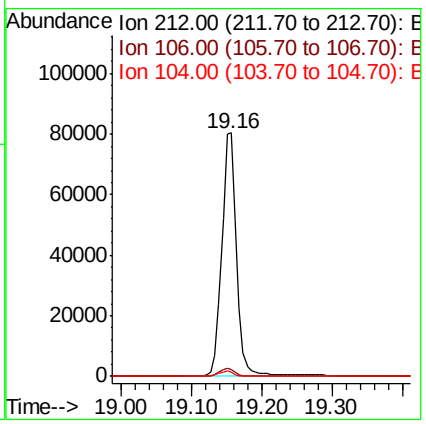


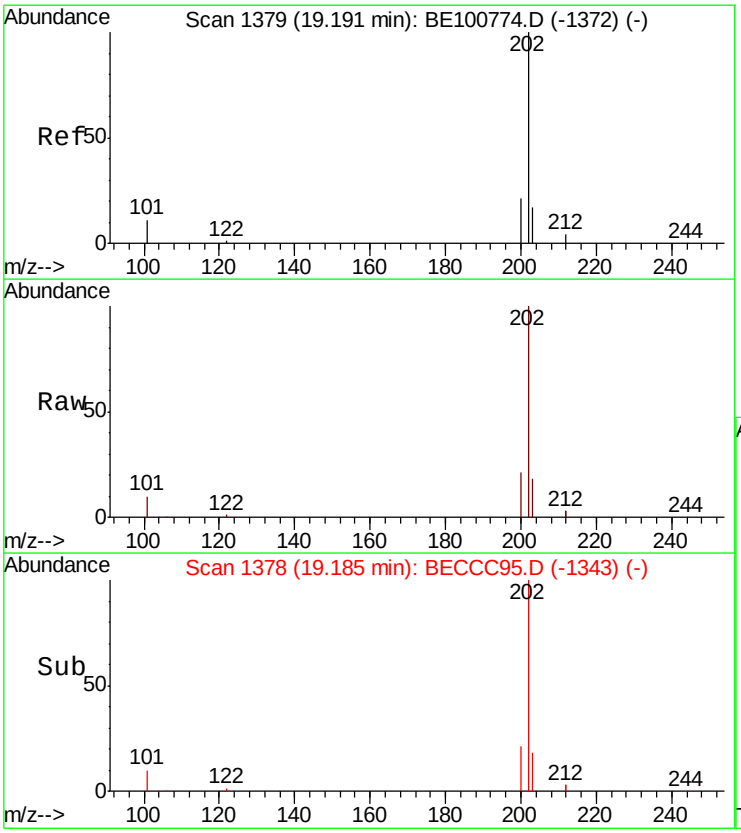
#25
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 116180

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	4.0
104	1.9	1.4	2.2

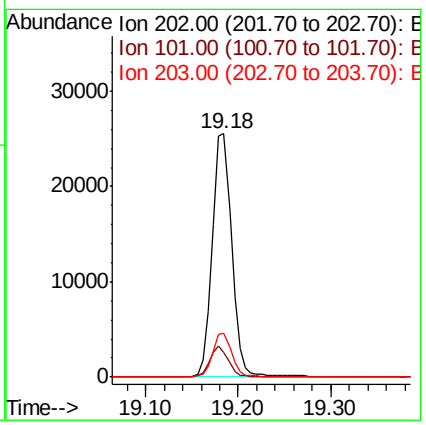


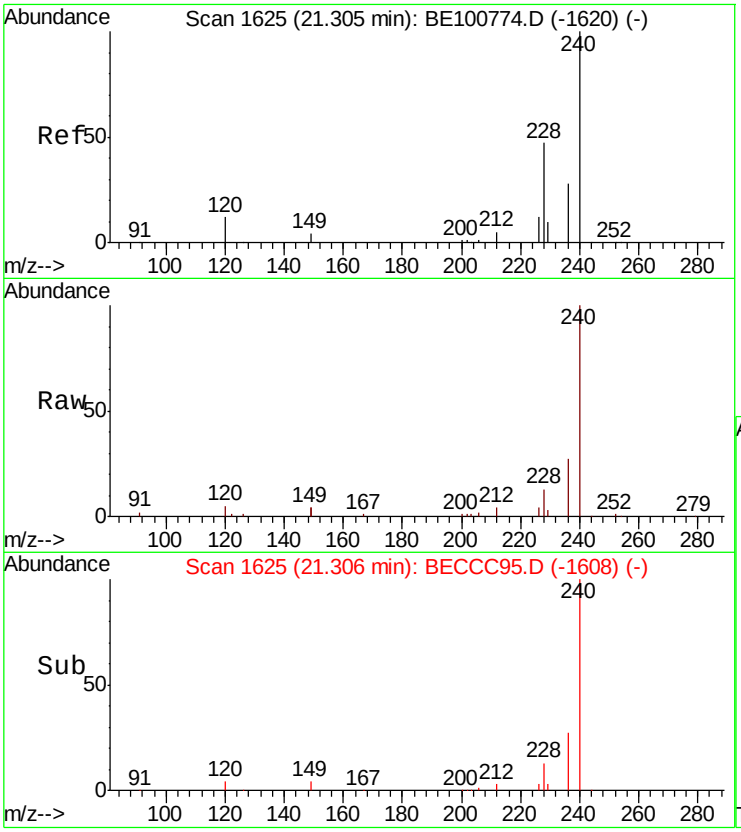


#26
Fluoranthene
Concen: 0.373 ng
RT: 19.18 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Tgt Ion:202 Resp: 36733

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.4	14.0
203	17.4	13.7	20.5



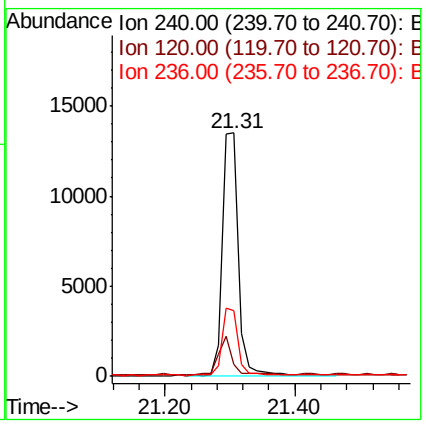


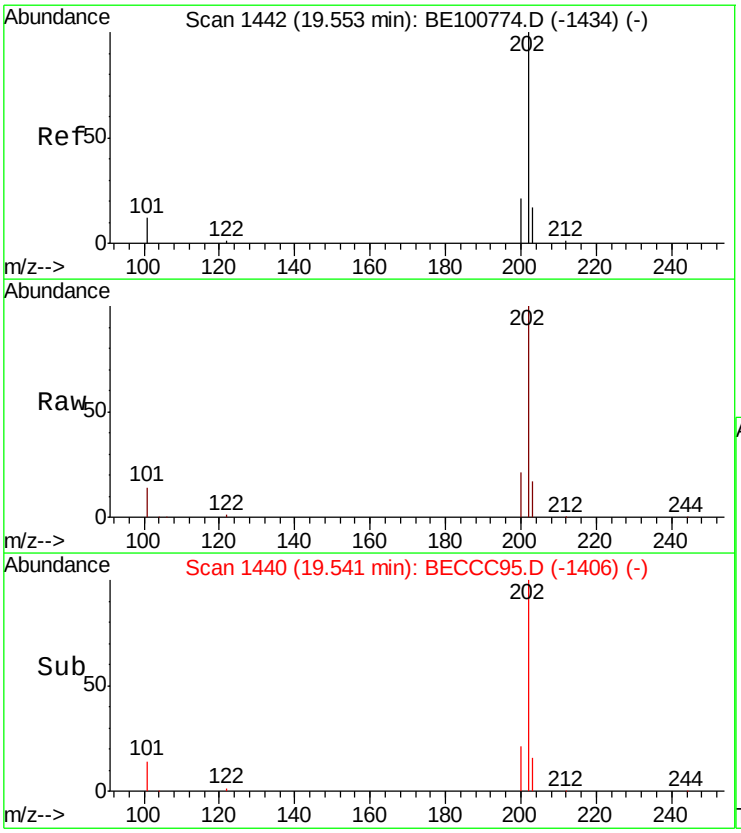
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 23311

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.0	6.0
236	26.9	21.6	32.4

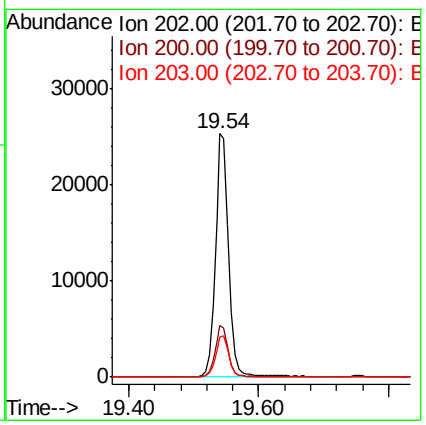


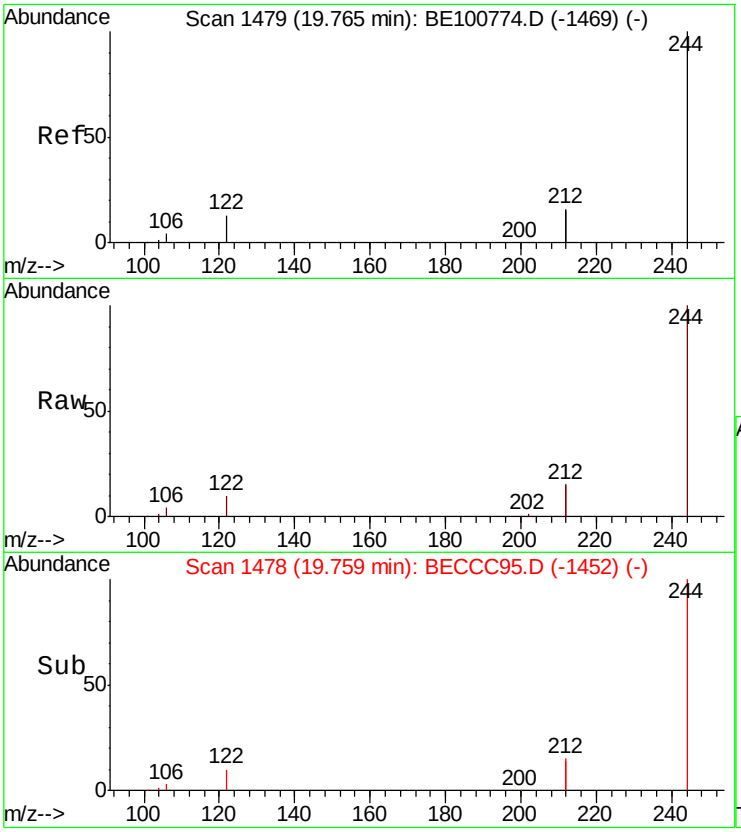


#28
Pyrene
Concen: 0.476 ng
RT: 19.54 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Tgt Ion:202 Resp: 36072

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.2	13.8	20.8



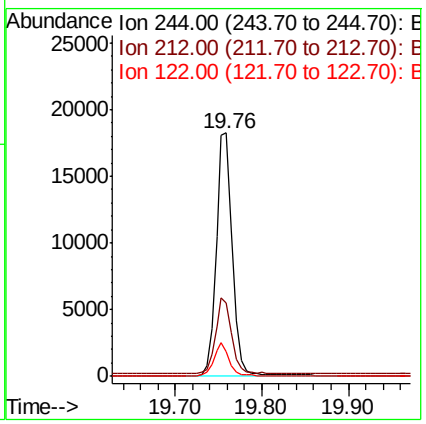


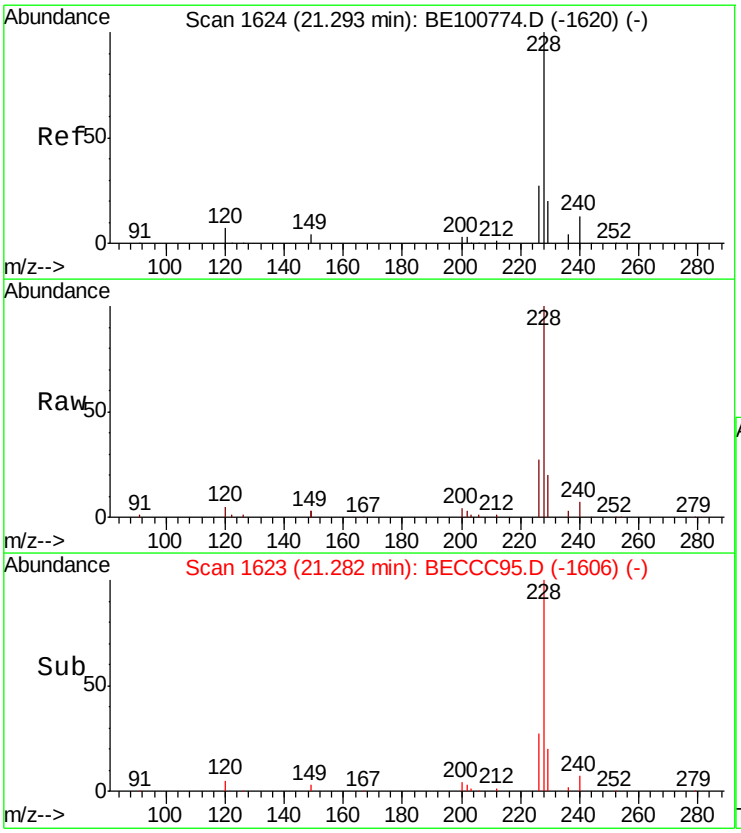
#29
Terphenyl-d14
Concen: 0.423 ng
RT: 19.76 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 23647

Ion	Ratio	Lower	Upper
244	100		
212	30.4	25.2	37.8
122	10.3	8.9	13.3

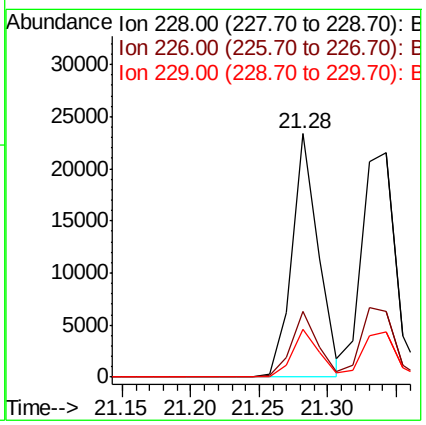


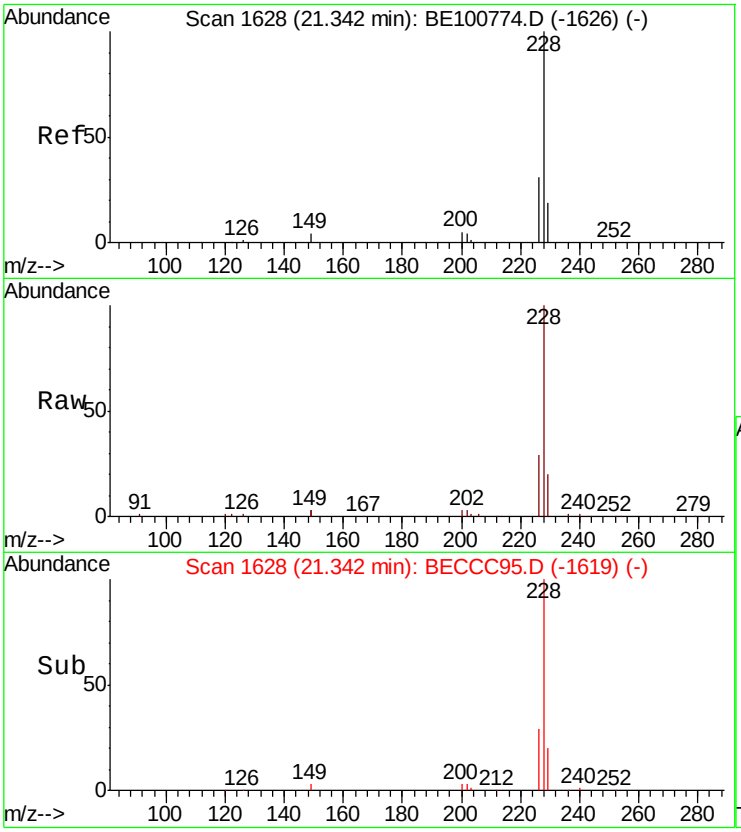


#30
Benzo(a)anthracene
Concen: 0.451 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Tgt Ion:228 Resp: 30970

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.0
229	19.7	15.8	23.6



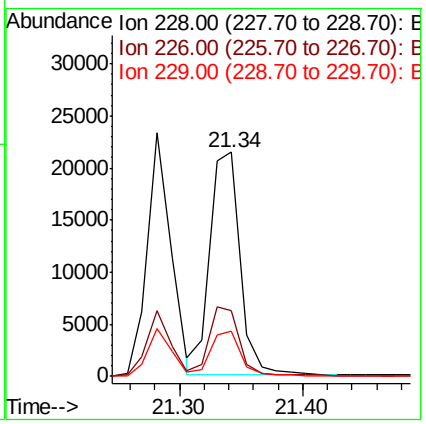


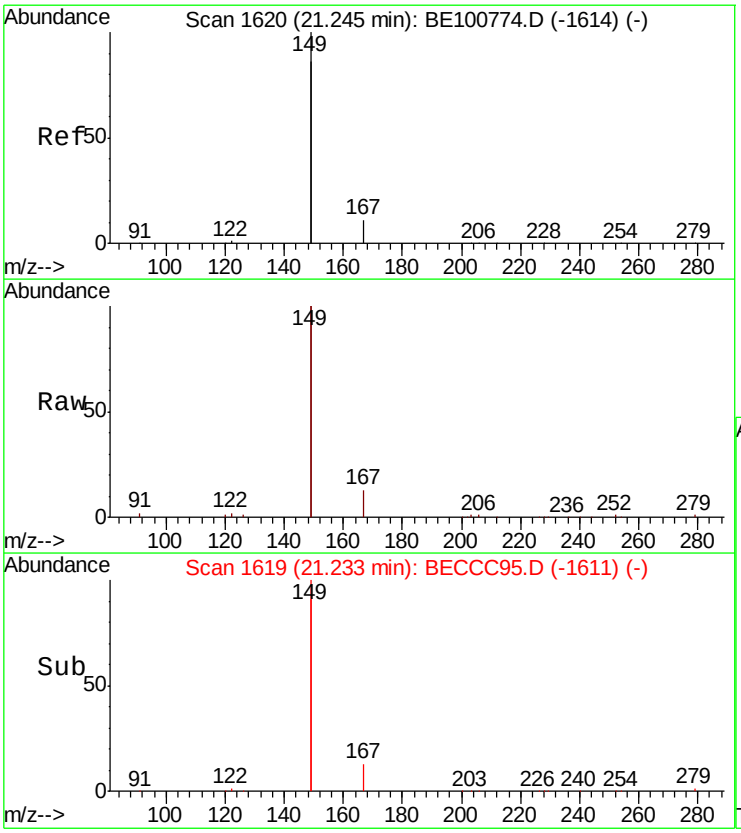
#31
Chrysene
Concen: 0.450 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.01 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 36313

Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.3	37.9
229	20.3	15.2	22.8

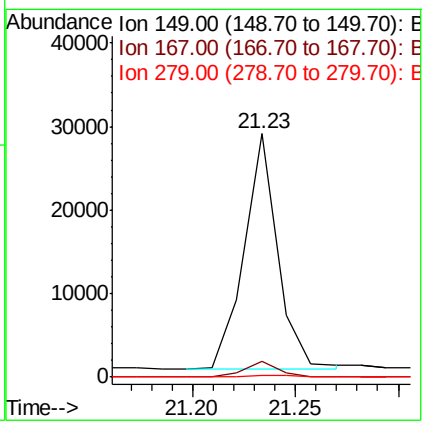


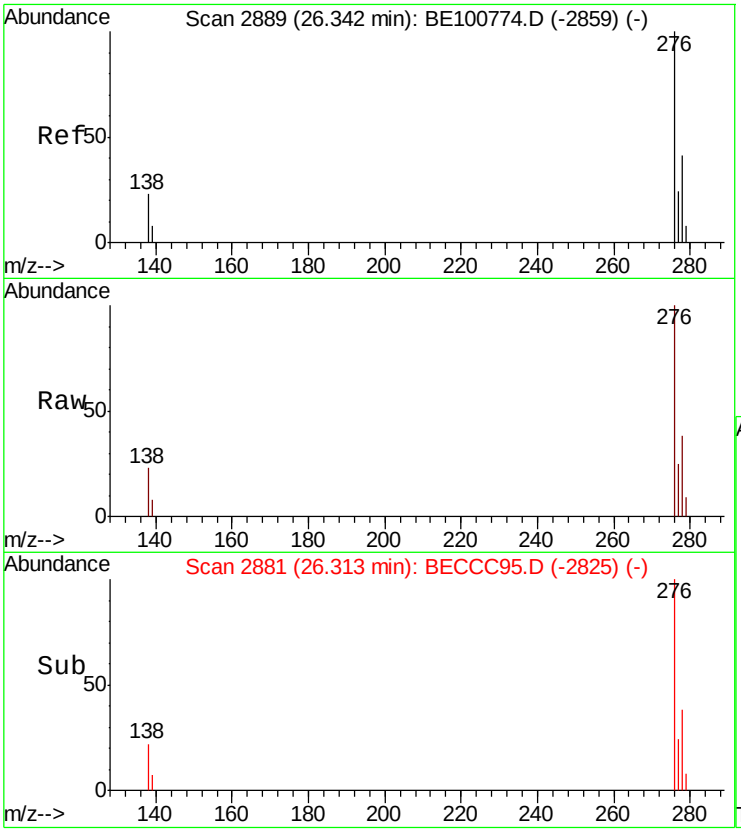


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.652 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Tgt Ion:149 Resp: 31966

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.0	7.4
279	0.8	0.6	1.0



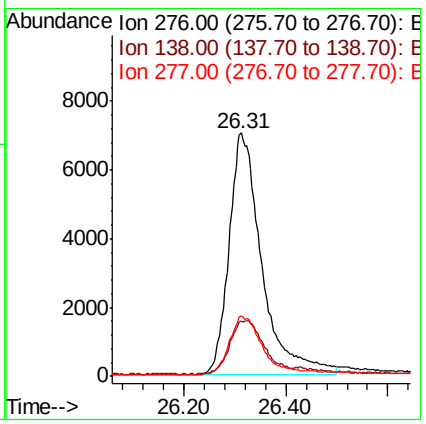


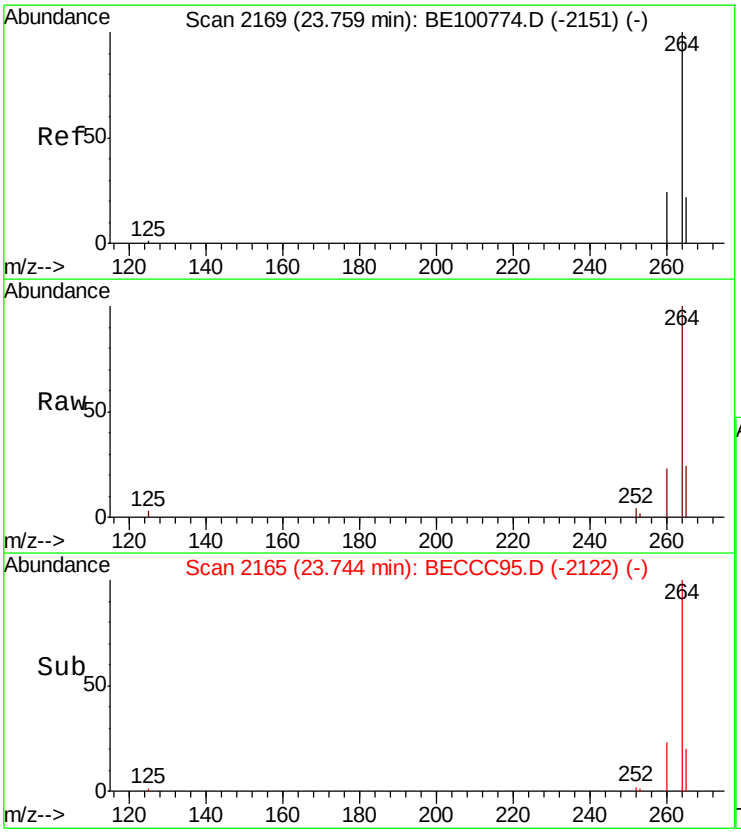
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.447 ng
RT: 26.31 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 31403

Ion	Ratio	Lower	Upper
276	100		
138	23.1	18.4	27.6
277	24.4	19.4	29.2

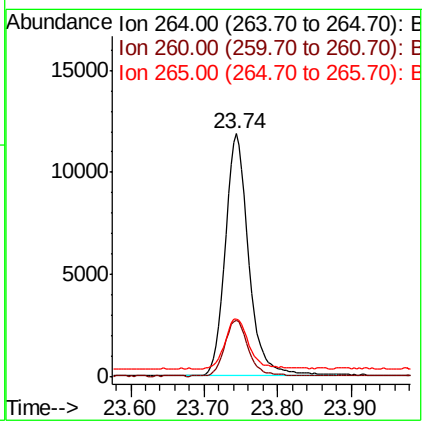


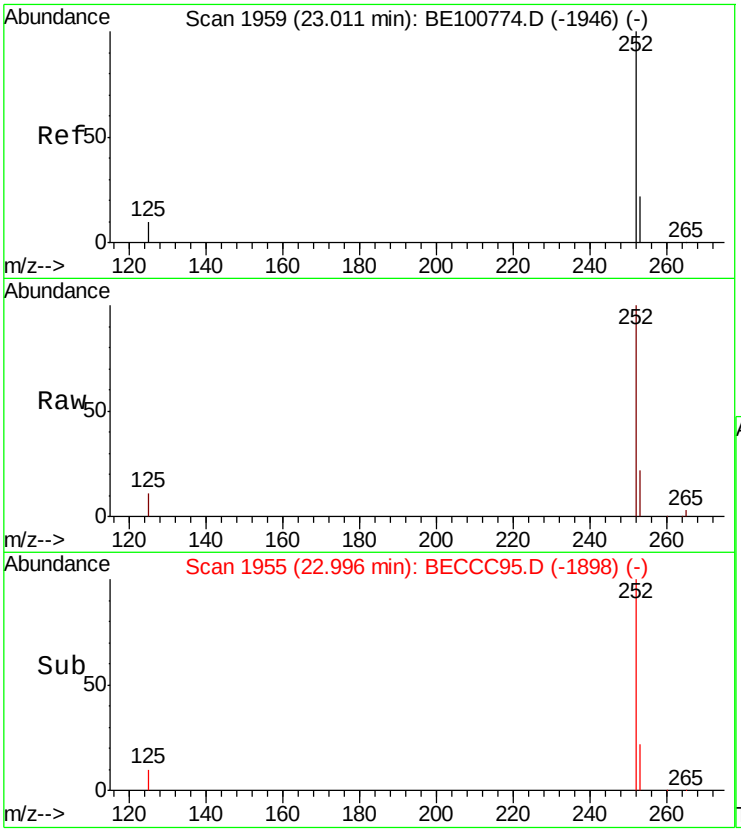


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Tgt Ion:264 Resp: 26726

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	23.8	20.1	30.1



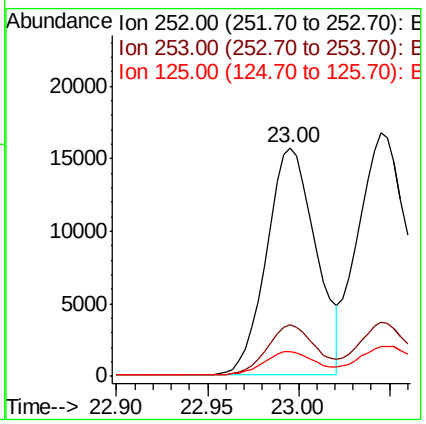


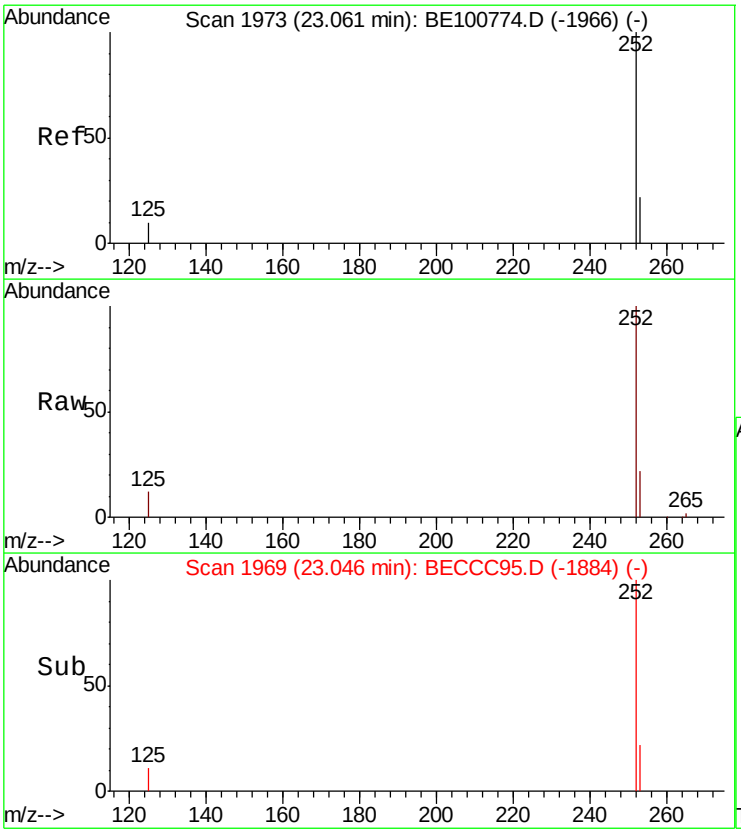
#35
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 23.00 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 29491

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.0	8.3	12.5

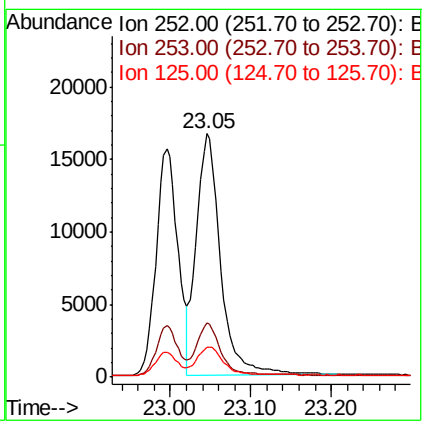


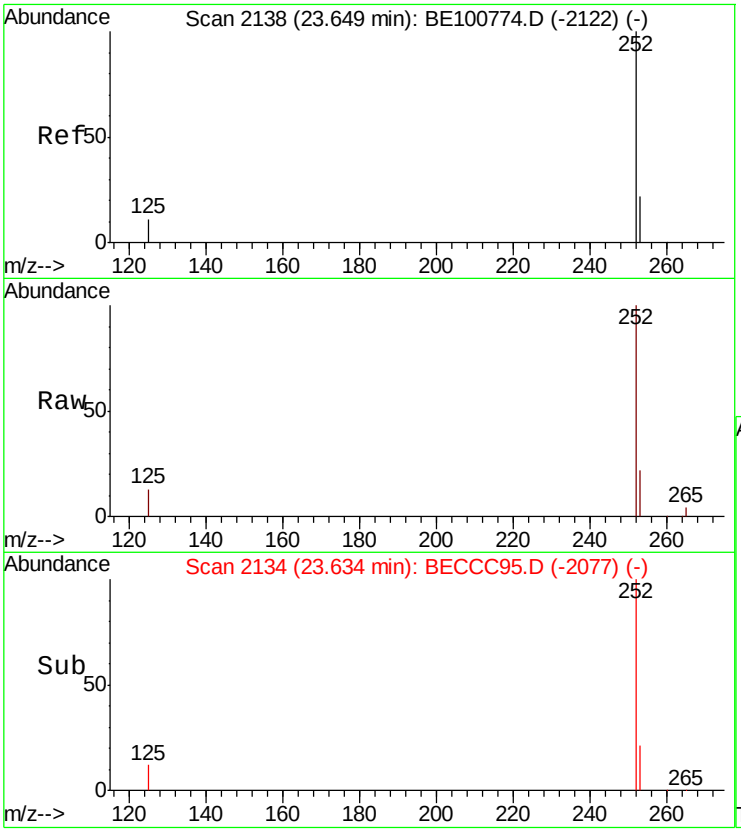


#36
Benzo(k)fluoranthene
Concen: 0.424 ng
RT: 23.05 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Tgt Ion:252 Resp: 34826

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	12.2	9.4	14.0



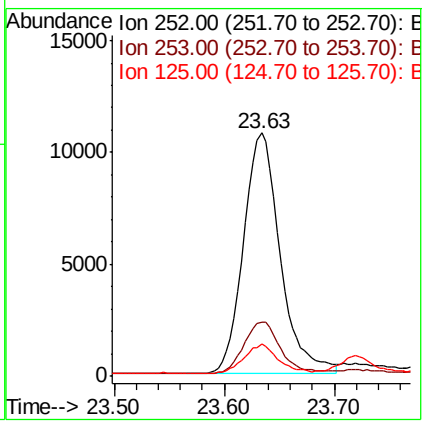


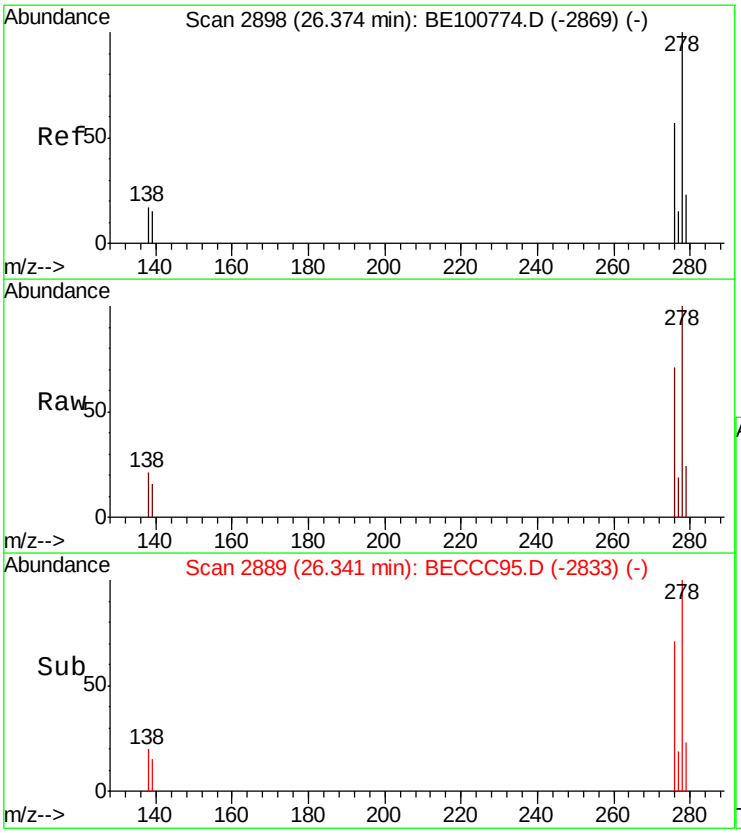
#37
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 24773

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	13.2	9.9	14.9

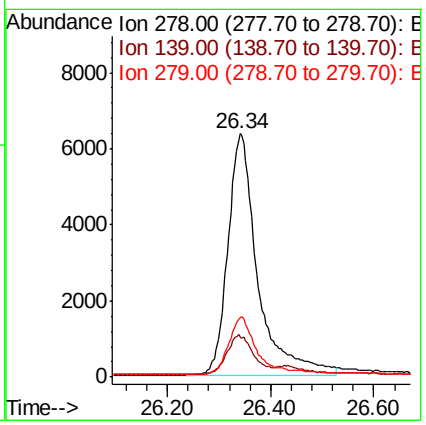


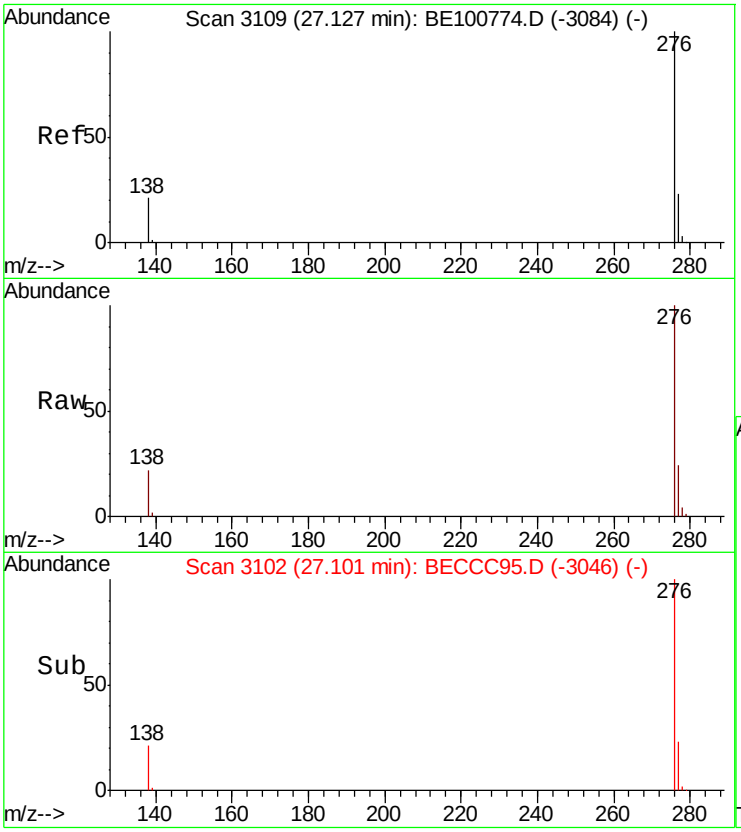


#38
Dibenzo(a,h)anthracene
Concen: 0.406 ng
RT: 26.34 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Tgt Ion:278 Resp: 25574

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.8	20.6
279	24.3	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.409 ng
RT: 27.10 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BECCC95.D
Acq: 13 Dec 2019 20:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 27551

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.7	29.5
138	21.8	18.0	27.0